

American Pork Congress panelists seek ways to minimize energy costs

The high cost of energy and possible alternatives to minimize these costs were discussed recently by a panel of livestock specialists at the American Pork Congress, according to Commodity News Service (CNS).

Raymond Huhnke, extension agricultural engineer at Oklahoma State University, said up to 90% of total heat loss in swine housing results from the ventilation system.

Confinement buildings are ventilated to control odor and disease, provide

fresh air to animals and for dehumidification purposes, Huhnke said. During the winter, dehumidification is determined by the ventilation system and inside temperature.

Although energy could be saved by decreasing the ventilation rate and inside temperature, these reductions will result in a cold, damp building, Huhnke said. Uniform air distribution is needed to combat the ventilation problem, he said.

Charles Fulage, extension agricultural engineer at the University of Missouri,

said swine manure can be used as a source of energy because it contains carbon, oxygen, nitrogen and hydrogen.

The process involves putting manure in a digester, which is a container vessel that holds manure while gasses evolve from it, Fulage said. Manure is held in the digester for 15 to 20 days and the resulting gas will consist of about 60% methane and 40% carbon dioxide, Fulage said.

Upon completion of the process, the total volume of manure stays the same as

the volume originally put in the digester, even though 50% of the solids had been converted to gas, Fulage said.

In its final state, the manure will undergo the normal type of fertilizer nutrient losses as would occur without having been put in the digester, he said.

Assuming a 1000-head finishing facility, if 900 lbs. of manure dry matter per day are put in the digester at 95 degrees Fahrenheit for 15 to 20 days, a gas product rate of 200 cubic feet per hour can be expected, Fulage said.

This gas must be used quickly after coming off the digester because it does not store well, thus year-round demand is necessary to make the process worthwhile, Fulage said.

Fulage said that since the demand usually declines in the summer, research is being conducted on electrical demand because thermal energy can be obtained from the process. Research is also needed to reduce initial investment and digester costs, he added.

Dale Keesacker, a pork producer from Washington, Kan., told the delegates about the use of sun power in swine facilities.

The process involves using a solar wall which "acts as a thermal flywheel storing daytime energy to be used at night," Keesacker said.

The solar panel keeps the pigs comfortable, dry and warm and keeps the facility well lit, Keesacker said. Room temperature was kept constant and floor to ceiling

temperature did not rise more than two degrees Fahrenheit, he added. Author Paul, a producer from Glen, Neb., talked about solar-modified, open nursery grower as a means of reducing over-ventilation in the winter.

The process incorporates the use of heavy insulation a piece of plywood is three to four inches at the pig's back to trap heat and prevent air from a passive solar unit at involves solar energy being collected by a collector which stores heat and distributes it, some mechanical means said.

Vern Meyer, extension agricultural engineer at Iowa State University, discussed wood and earth to pre-heat ventilated air.

"Anytime you can heat incoming air, it cuts your ventilation and reduces costs," he said.

Comments

Personalization—that will be the name of the game for cattlemen in 1981. By that I mean the identity of the feeder and performance of feeder cattle are taking on a new importance as cattle feeders begin to seek

MARSHALL local supplies for feeder cattle. Transportation costs are slowly choking out the traditional cross country shipment of cattle, and it will affect everyone in the business.

Preconditioning may finally come of age. The better a commercial cattleman's animals perform in the feedlot, the greater the demand will be and the more repeat customers will be knocking. Auction market volume will likely increase as well, as that 250-500 mile radius takes on a new economic meaning for everyone.

Trends like these are the subjects covered by Western Livestock Journal's sister publication—LIVESTOCK Magazine. Long a part of the weekly paper, it became a separate entity in 1978 going to cattlemen in 17 western states.

LIVESTOCK, as a monthly magazine, presents a different and invigorating slant on the cattle industry. Trends, as well as feature articles and interviews with outspoken industry leaders provide the ammunition to be on top of the industry as it changes. And it is changing. Personalization is one development, but there are many others like the need for more business sophistication to go with production efficiency.

The April issue of LIVESTOCK will be one of the finest we've ever published, put out by the most accomplished staff in our history. Besides myself as editor, Publisher Dick Crow and Managing Editor Alex Mostrousman the Denver headquarters, and seven field editors—in California, Texas, Colorado, New Mexico, Nebraska, Oregon and Montana—are on top of what is happening in our industry.

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If you are not currently receiving LIVESTOCK and would like to, fill in and mail the coupon you will find on page 13 in this issue of Western Livestock Journal. It is your ticket to a new perspective on your industry.

—LARRY MARSHALL

Yuetter calls study 'grossly misleading'

In a letter to the House Small Business Committee, CME President Clayton Yuetter called Congressman Neal Smith's charges of manipulation in live cattle trading "grossly misleading" and the report he based the charges on "almost devoid of solid economic analysis," reports CNS.

The report was released Feb. 27 by Smith, an Iowa Democrat, and authored by John Helmuth, the committee's economist.

After a month-long study, the CME issued a detailed rebuttal of Smith's charges of a systematic downward bias in live cattle futures trading.

Yuetter's letter and a counter-study by CME economists stated that Smith misinterpreted basic data and made conclusions that do not stand up, based on futures market economic logic.

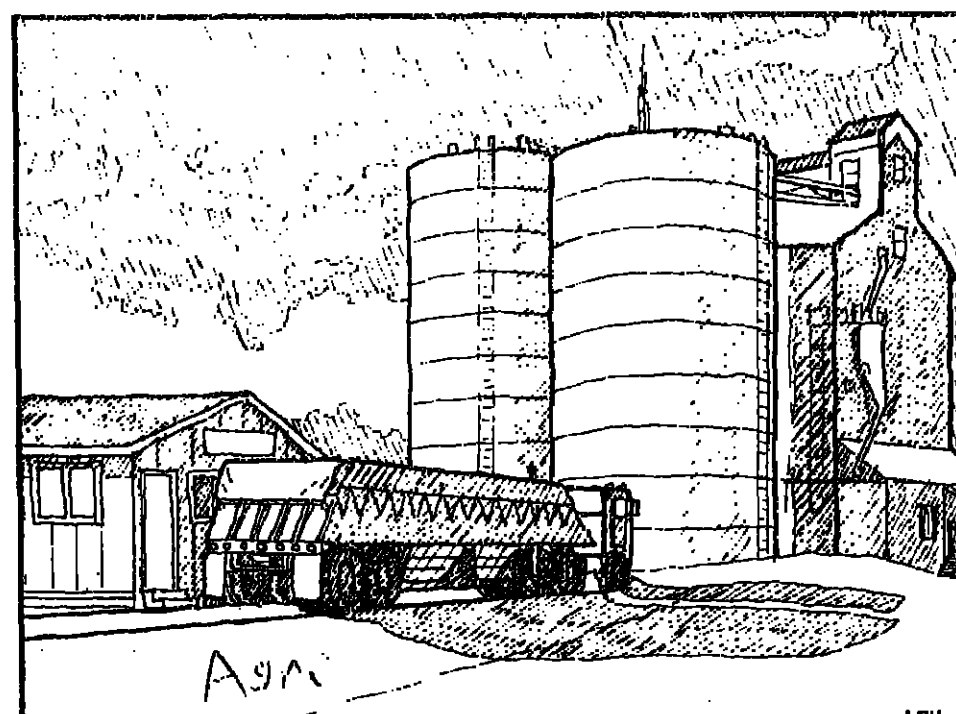
Yuetter pointed out that while the basic premise of the report was about problems concerning undue downward bias in live cattle

trading, prices actually rose during the period studied from a low of \$41.00 per cwt. to a high of \$49.00. According to the report Smith released, the downward bias comes from more short hedgers in the market than long hedgers. However, Yuetter said, "There is a buyer for every seller in all futures contracts and risk-taking speculators assume this position."

Smith said this downward bias made profitable hedging possible for Corn-Belt feeders only 28 days in a period of two and one-half years. CME economists, however, said their comparisons of Corn-Belt feeders' costs to futures prices allowed profitable hedging in 29 of 34 months studied.

Yuetter called Smith's correlation of activity of 32 large traders "irrelevant" unless Smith has evidence that the traders are working in concert. Smith backed away from such conspiracy charges.

As to the 100% accuracy in trading signals Smith (Continued on page 3)



USDA asks for comments

The USDA is asking the public to submit comments and recommendations on how best to protect the interests of both farmers and the government in grain elevator bankruptcy cases. According to Edward Hews, acting administrator of USDA's Agricultural Stabilization and Conservation Service, public comments are being sought because there are no

current studies or reports directly related to the question of grain ownership at insolvent elevators. Comments should be sent to Merrill Marxman, elevator task force working group, Room 5959 South Bldg., ASCS-USDA, P.O. Box 2416, Washington, D.C. 20013.

[FOR RELATED STORY, SEE PAGE 13.]

New growth promoter:

Feds approve plan for natural hormone

Genetech, Inc., and Monsanto Co. of St. Louis announced they have succeeded in producing a natural hormone that promotes meat and milk growth in cattle by means of recombinant DNA technology, according to CNS.

The two companies already have received government approval to proceed with producing the bovine growth hormone on a larger scale than the 10-liter limit on experimental gene splicing in the laboratory.

When it is finally in commercial production, the bovine growth hormone will be Genetech's first agricultural product. Its earlier announced products, now undergoing clinical tests, are for human health care. They are biosynthetic human insulin, a human growth hormone and interferon, the anti-cancer agent.

Genetech President Robert Swanson said studies by Monsanto and others have demonstrated that the bovine growth hormone can make beef cattle produce more meat and dairy cows give more milk. Since the hormone occurs naturally in cattle, administering additional amounts of it will not have the adverse reactions of some drugs used in the dairy and beef cattle industries to promote growth.

In their joint venture, Genetech will be responsible for producing the hormone producing microorganisms while Monsanto will do the studies on the beef and dairy cattle herd.

Howard B. Schneiderman, a Monsanto senior vice-president, warned, however, that the two companies still have a long way to go before they will have a commercial bovine growth hormone product to offer on the market.

Foot-and-mouth leads USDA to ban beef imports

The USDA said recently it will ban imports of livestock and their products from Great Britain and the Channel Islands because of discovery of foot-and-mouth disease there, reports UniCom News.

The disease—a highly contagious virus affecting (Continued on page 3)

WESTERN LIVESTOCK JOURNAL

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Price tags inflation as culprit in meat demand predictions

Continued high inflation will leave meat demand in "bad shape" for much of the next ten years, livestock analyst Bob Price said recently in Wichita, Kan.

Inflation, between 10 and 15%, will result in lower disposable personal income, which is the most important variable affecting beef demand other than actual beef prices, Price said at the National Lamb Marketing Symposium.

Price is the project leader for the Western Livestock Marketing Information Project in Denver, Colo.

Inflation hurts producers by increasing input costs, he said, in addition to reducing consumer buying power.

Consumer demand for meat will be "somewhat subdued" in 1981 as real income declines further, Price said. Total red and

white meat consumption in 1981 will be even to up one percent from record 1980 levels, he said, while lower pork production will be offset by larger poultry and fish consumption.

For the year, Price predicted beef production up four percent, pork down four percent, lamb even, poultry up four to five percent and fish up about 10%.

He projected 1981 total per capita meat consumption of a retail weight basis at 79.2 lbs. of beef, 65.5 of pork, 64 of poultry, 14 to 15 of fish, 1.6 of lamb and mutton and 1.4 of veal.

For the first quarter of 1981, Price predicted beef production will be up three to four percent, pork even to up slightly and lamb, veal and white meat production up two percent. Total supplies will be up one

percent or more from 1980 levels, he said.

Price predicted Texas steer prices would average \$64 to \$66 per cwt. barrows and gilts \$42 to \$44 and choice 100 to 120 lb. lamb \$64 to \$66 for the quarter. He said his projections on prices were probably "on the high side."

The second quarter will be the only period when total meat production will be below year-ago levels, Price said. However, second-quarter 1980 meat production was a record, so 1981 levels, though down one percent, will be relatively large, he said. Second-quarter supplies will be larger than first-quarter supplies, Price said.

He predicted second-quarter beef production up one percent, pork down six percent and other red and (Continued on page 14)

Fewer hogs raised; analysts predict price hike

A surprisingly bullish USDA Hogs and Pigs Report released recently is expected to result in \$50 per cwt. hogs this summer, according to livestock analysts contacted by CNS.

Most analysts expected the report to show less than a five percent reduction in total hogs. However, the report actually showed a decrease of nine percent,

compared with a year ago. That reduction, in addition to an 11% decrease in hogs kept for breeding, has most analysts expecting near-term hog prices to increase about one dollar per cwt.

The 11% decrease in breeding stock "is the lowest December through February (quarterly) drop in the 17 years we've been

keeping records," said Greg Schimkat, an analyst for Victorio Commodities. Because the breeding herd is not out there, the March-May pig crop cannot be increased, he said.

That decrease shows that hog producers reacted to price signals and they reduced numbers, while cattle producers did not and were still placing cattle on

feed, Schimkat said. However, several analysts questioned whether the breeding herd was actually down 11%.

Joe Kropf, an analyst for Livestock Business Advisory Services, Inc., said the incentive was too small for producers to cut breeding herds as drastically as the report indicated. Predictions (Continued on page 3)

Saving cold-stressed calves is subject of scientific study

Hundreds of calves—and humans for that matter—die each year after exposure to cold winter temperatures and excessive moisture.

But ranchers and farmers sometimes are able to save their cold-stressed calves, and two scientists in the Washington, Oregon and Idaho regional veterinary program are comparing the effectiveness of three different methods of re-warming cold-stressed calves.

Ranchers normally calve their cows during the late winter months when there is likely to be inclement weather. It is sometimes hard for ranchers to provide adequate protection for their calves against excessive cold and wet conditions, said Dr. David P. Olson, who is working on the project along with Dr. Peter South.

Many of the calves die either as a direct result of cold stress or from subsequent infectious diseases that may be triggered by cold stress.

This environmental stress, coupled with a dam that sometimes fails to adequately clean her calf, can result in serious problems for the calf, said Dr. Olson. Consequently, the calf may not dry off properly and may not have the opportunity to suckle and absorb the vital colostrum

from its mother. "As a result, these little calves lie on the cold wet ground for long periods of time and may suffer from the effects of severe cold exposure," said Olson.

Ranchers sometimes try to re-warm their cold-exposed calves with heat lamps or in immersion in warm water.

"We are making a detailed study of the effectiveness of these two practical re-warming methods as well as a third method, which involves placing electric heating pads over the neck, shoulders and loin of the calves," said Olson.

Holstein bull calves, three to seven days of age, are purchased from the University of Idaho Dairy Science Center for use in the study. More than 30 different measurements and determinations are made simultaneously during the re-warming period. These include the temperatures of blood and various body tissues, heart rate and rhythm, blood pressure and the contractile activity of the heavy, skeletal muscles of the calf, particularly those involved in shivering.

"It is a fairly comprehensive study which will give us more detailed knowledge about the various physical and metabolic changes in these animals

during the re-warming period," said Olson.

The veterinarians have studied 12 animals so far and hope to have a minimum of 25 animals to work with by the end of the calving season.

The calves so far have taken from 48 minutes to about three hours to re-

warm, Olson said. Calves are kept under observation for several days before they are resold.

The study should give ranchers and farmers helpful ideas on the effectiveness of handling cold-stressed calves.

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Change in labels for boneless ham

Meat processors who produce boneless hams no longer will be required to label those hams with a notice that the product has been "sectioned and formed," according to the USDA.

In a USDA labeling policy memorandum, USDA said that boneless hams and hams containing small amounts of ground ham as a binder may now be labeled simply "Hams."

USDA said it deleted the "sectioned and formed" labeling requirement for boneless hams because it may have misled consumers into thinking that those products were inferior to other hams.

Hay protein tests helpful this year

Hay is now being fed in many areas of Texas, yet most producers don't know the quality of hay they have. Since much of the 1980 hay crop was of low quality due to dry conditions, producers should consider having their hay tested for protein content.

A hay test to determine the protein content is

helpful in several respects, points out Don Dorsett, forage specialist with the Texas Agricultural Extension Service, Texas A&M University System. Protein content relates to production practices which influence quality, such as maturity and fertilization, and also provides a guide as to feeding such hay according to its nutritional value.

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NEWSPAPER (priority handling)

By Ace Field

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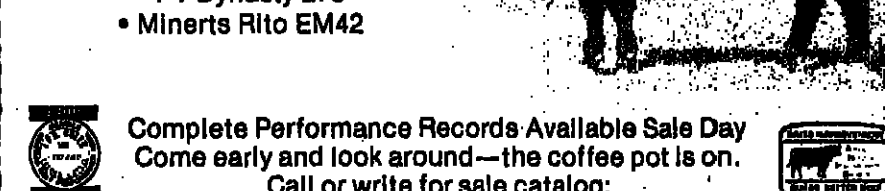
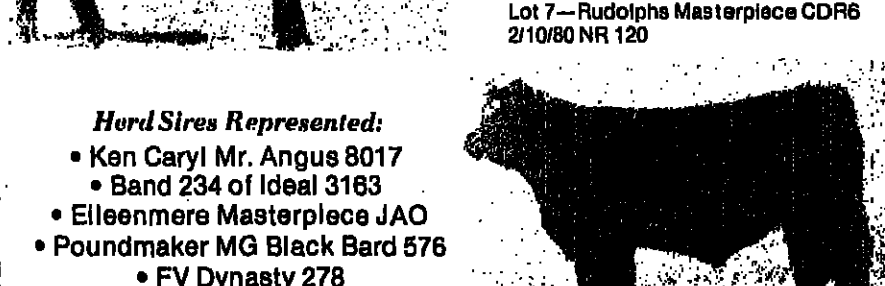
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Feeding specialist warns, 'holding finished cattle is costly mistake'

Cattlemen who continue to feed cattle after they're ready for market get hit twice.

Overfat carcasses are being discounted as much as 14 to 16 cents a pound.

Besides, putting the extra weight on fat cattle is a losing proposition in terms of feed efficiency and high feed prices, said Homer Sewell, University of Missouri-Columbia extension cattle feeding specialist.

Speaking at a recent cattle feeding seminar, Sewell cited studies around the country which showed that cattlemen usually make a mistake if they try to hold finished cattle until prices get better.

"The extra selling price per pound needed to break even for 100 lbs. of gain put on in the holding period depends upon the present selling price per pound for the steer as well as the cost of the extra gain," Sewell said.

"The weight at which a pen of cattle reach a desirable degree of finish varies with the mature size, plane of nutrition in the growing and fattening phase, and other factors," he said.

"But if the cost of an extra 100 lbs. of gain is 83 cents and the present selling price for a 1100-lb. steer is 62 cents a pound, the price for the 1200-lb. steer would have to increase 1.73 cents a pound to recover the cost of gain during the holding period.

"If the steer is held for 200 lbs. of gain and the cost is 90 cents a pound for

this gain, the 1300-lb. steer would have to advance in price by 4.3 cents a pound before there was a profit for the holding action."

Sewell cited a Kansas study which showed that cattle fed from 1350 to 1481 lbs. gained 1.23 lbs. slower per day and required over 1 1/2 times as much feed for a pound of gain as cattle fed from 842 to 1131 lbs.

Data from the National Research Council which compared a 1000-lb. and an 1100-lb. average frame steer showed that the heavier steer's gain would drop to nearly 2.6 lbs. daily and require 7.92 lbs. of dry

matter for a pound of gain. That compared to three pounds daily gain and 6.92 pounds of dry matter per pound of gain for the 1000-lb. steer.

Sewell said it takes more feed to add weight to heavier cattle because fat is higher in energy than protein for growth gain and more of the gain is fat as cattle increase in size. Also, the daily energy need for body maintenance is higher in heavier cattle and daily feed intake levels off or may decrease for over fat cattle. This means as cattle increase in weight, they need more energy for the

form of feed) to add a unit of weight.

With present interest and feed costs, a Michigan study showed that total cost of a pound of gain for an average frame steer rose from 65.9 cents to 98.6 cents as cattle go from 900 to 1350 lbs.

"In other words, cattle prices would have to increase dramatically before a holding action would be profitable enough to offset the lower feed efficiency and the price discrimination for cattle whose fat carcasses would grade number four or five," Sewell said.

Foley warns against linking grain to Soviet negotiations

U.S. Rep. Thomas Foley (D-Wash.) recently warned against linking U.S.-USSR grain trade with many different aspects of U.S.-Soviet relations while trying to renegotiate grain trade relations, reports CNS.

During hearings on the grains and soybean sections of the 1981 Farm Bill, the house majority whip said that sort of linkage could eventually put the U.S. in a position where it is "mired for many, many years" with trade restrictions that might not be in the best interest of U.S. agriculture.

Foley said that he hoped U.S. President Ronald Reagan's administration would work to formulate some new grain trading concept with the Soviet Union before the current U.S.-USSR bilateral grains agreement expires in September.

If an embargo is continued, Foley said that all sectors of the economy should bear the brunt of the trade restrictions, not just the farming sector.



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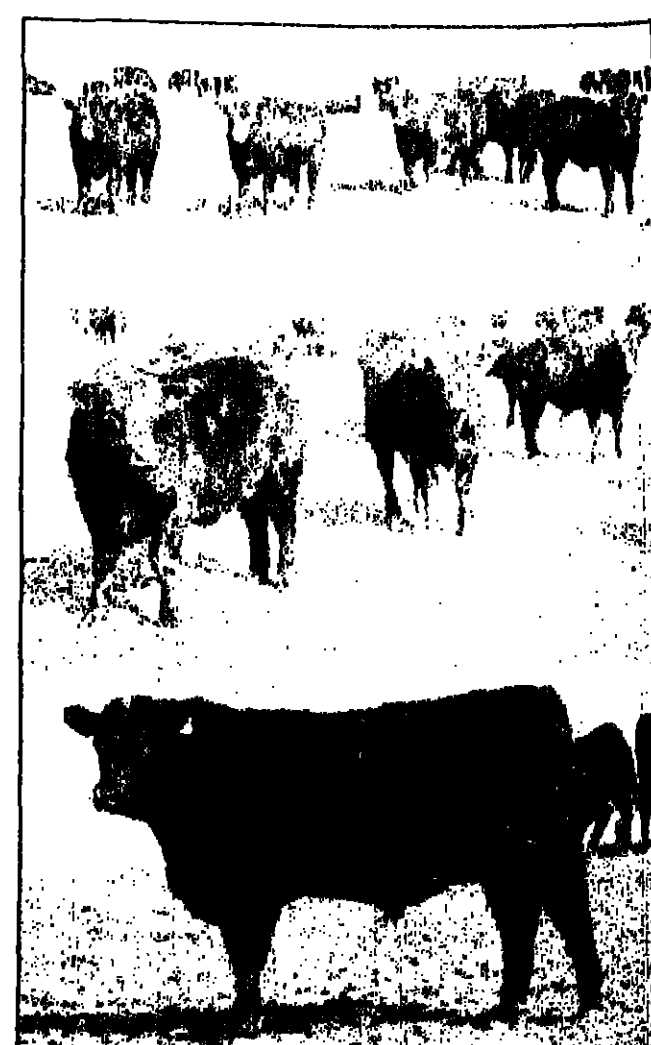
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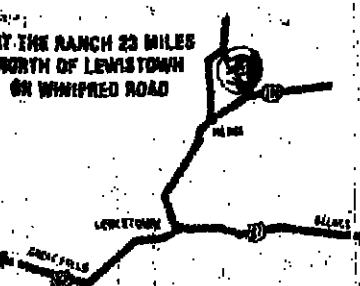


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USDA warns Oklahoma ranchers

Unrestricted cattle shipments out of Oklahoma and even within the state may come to a screeching halt in less than a year if state cattlemen don't "clean up" their act, a top official of the USDA cautions.

"Some Oklahoma producers now enjoy unrestricted shipping of their cattle but they may find that their state no longer qualifies for testing exemptions next January," said Paul Becton, director of the national brucellosis eradication program for the USDA's Animal and Plant Health Inspection Service.

Becton, in a telephone interview, said stringent new state classifications go into effect next January and that it now appears Oklahoma will not meet standards for unrestricted shipments.

The state annually ships in about 1.5 million head of cattle but exports about three million to other states, state officials say. Cattle are the state's top agricultural enterprise.

Heretofore, shipping rules have been based on county classifications of certified-free, modified-certified or non-certified, Becton said.

But come next year, this classification system will change. The county system will be eliminated and a statewide classification initiated.

Becton said that means more heavily infected counties can drag down a state's classification and that cattlemen who enjoyed unrestricted shipping may face new barriers.

He said it now appears that Oklahoma would be a Class C or possibly a Class B state, with maps indicating the worst infection rates in the southeast quadrant of the state and the "cleanest" areas in the western half.

Cattle from Class A states will be allowed to move without pre-testing," the brucellosis program director said.

It now appears that only 10 or 12 states will qualify as Class A by the first of next

year, Becton said. "To be Class A, a state must have no brucellosis-infected herds for 12 months."

To reduce the importation of the easily-spread disease from out-of-state cattle imports, which enter largely through the southeast, Oklahoma imposed stiff barriers last fall.

Those restrictions are similar to ones Oklahoma cattlemen themselves will face in the future in shipping their cattle—unless, Becton said, their own herds are certified-free.

"Producers who raise and sell breeding cattle, stocker cattle or dairy herd replacements can keep shipping their animals without any problems if they get their herd certified free of brucellosis," he said.

Becton said the "certified-free" classification can be met by testing a herd twice and getting "negative" results in the tests 10 to 14 months apart.

To maintain this status, the herd must be tested every year. All cattle over six months of age must be included in these tests, except steers and spayed heifers.

Reagan proposes interest charges

The Reagan Administration recently said it will propose legislation to eliminate the waiver of first-year interest charges on farmer-held grain reserve loans, reports CNS.

The proposal, which requires congressional approval, would reduce outlays by \$80 million in

fiscal year 1981 and by \$187 million in fiscal 1982, according to administrative figures.

The administration said it planned to reduce costs by charging interest on all loans at least equal to the U.S. Treasury's cost of borrowing.

In its economic proposals, the White House said total net outlays for price support programs will decrease by \$21 million in fiscal 1981 and \$800 million in fiscal 1982.

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CATTLE BROKERS INC.

U.S. red meat production up four percent, reports USDA

Total U.S. red meat production in calendar 1980 came to 39.0 billion pounds, up four percent from the year before, the USDA said in a recent livestock annual summary.

Of the total, beef output accounted for 21.6 billion pounds, up one percent; veal production dropped eight percent to 400 million pounds; pork output grew eight percent to 16.6 billion pounds and lamb and

mutton production increased nine percent to 318 million pounds.

1980 lamb output was 1.22 billion pounds, up five percent from 1979, USDA said.

Reports CNS, commercial cattle slaughtered in 1980 totaled 33.8 million head, up less than one percent from 1979. Calf slaughter, at 2.69 million head, was down eight percent, according to the report.

Cattlemen call on supermarkets:

NCA campaigns for beef specials

Retail beef prices are now averaging considerably lower than had been expected at this time. And, with production seasonally large, consumers should look for still more featuring of beef at special prices.

This was pointed out recently by the National Cattlemen's Assn. (NCA) as it embarked on a nationwide campaign to show food retailers and the public that beef is one item in abundant supply and at favorable prices for consumers.

"Last fall and winter the U.S. Department of Agriculture and other forecasters kept predicting short supplies of beef and sharply higher prices this spring," NCA President J.W. (Bill) Swan said. "These forecasts badly missed the mark, but they were repeated so often that many people came to believe there indeed was a limited supply of beef."

"As a result of the forecasts, retail beef featuring, at least until recently, has been limited and the public has not realized that beef is or will be a good buy at this time," said Swan.

In 1980, beef prices averaged only five percent higher than in 1979, NCA noted. Again this year, any increase in the average price is likely to be less than the general inflation rate. Retail beef prices right now, NCA's latest survey shows, are down from a year earlier. And cattle and

wholesale beef prices are substantially lower than last March. Swan noted that supplies of beef and other meats so far this year have been considerably larger than expected. With the big supply, cattle prices have been depressed; and, as has been the case for more than 1 1/2 years, cattlemen have been experiencing severe losses.

"Furthermore, 75 cattlemen are calling on the top officials of 60 national and regional supermarket companies, plus numerous local firms, in order to explain the beef situation. Supermarkets in some cities already are promoting beef strongly, at special bargain prices. We are asking those who have not yet done so to immediately do more featuring," Swan said. "Our advice to the public is to watch for good price specials on various beef cuts, particularly now in this period of abundant meat supplies."

"With large numbers of

Hog slaughter was a record 96.1 million head, up eight percent from the previous year and surpassing the previous record set in 1971. The commercial sheep and lamb kill increased by 11% to 6.68 million head.

USDA said the average live weight of commercial cattle slaughtered in 1980 was 1,072 pounds, up 12 pounds from 1979. The average live weight of

calves slaughtered last year was 245 pounds, up one pound.

The average live weight of hogs slaughtered was 242 pounds, unchanged from 1979, and the average live weight of sheep and lambs slaughtered was 112 pounds, down two pounds from 1979.

Lemmy Wilson Livestock
Suppliers of Stocker and Feeder Cattle
Office: 615/823-8721
Also have some started calves on hand most of the time.
Rt. 4 • Newport, Tennessee 37821
Lemmy Wilson 615/823-6179
Dave Cantwell 615/823-3142

Put your advertising message in
Western Livestock Journal

ROLLIN' ROCK ANGUS PERFORMANCE PEDIGREE SALE

Tuesday, April 14 • Belgrade, Mont.

12:30 at the ranch • Lunch 11:30 • Pat Goggins, Auctioneer

Gather No Moss in your Breeding Program
Stay a Stone's Throw Ahead by using Rollin' Rock Bulls

80 BULLS
40 HEIFERS

Out of one of Montana's first performance tested cow herds backed by 22 years of official data and sired by Performance proven herd sires.

ROLLIN' ROCK
Bill Davis 406/388-6345
Route 2, Box 478
Belgrade, Montana 59714



OFFICE VISITORS—Members of the board of directors for the Colorado Make It Yourself With Wool Contest stopped by for a visit and tour of Crow Publications recently. Pictured (from left) are: Joan Kuhlman; Alberta Koise; Shirley Cox, extension agent; and Jean Wakely, state director. (Staff photo by Walter Dennis)

Profits rise with dust bags; vet bill, weight loss decline

Forcing cattle on pasture to walk between dust bags of insecticide on the way to and from water, or salt and mineral, will control costly flies this summer, says Larry Foster, extension beef cattle specialist at New Mexico State University.

This easy, self-treatment method is effective against horn flies and face flies, the two major pests of cattle on pasture.

Both pests reduce weight gains and studies have shown the incidence of pinkeye increases with an increase in the number of face flies on cattle.

For cow-calf operators, Foster says that increased weaning weights potentially can return \$10 for every one dollar invested in dust bags and insecticide.

He bases this on tests where horn flies were controlled with dust bags,

and weaning weights increased an average of 13 lbs. per calf. At 75 cents a pound for feeder calves, the extra sale weight would be worth \$9.75 per calf, Foster says. He estimates the cost of fly control at 75 to 90 cents per head.

An even larger return is possible, considering the link between face flies and the incidence of pinkeye. In other experiments, calves that had pinkeye at least once averaged 36 to 40 lbs. lighter at weaning than calves not infected by the disease.

Cattle used about one-tenth an ounce of insecticide dust per animal per day. The normal fly season extends from May through September, about 160 days.

To set up for fly control in a 100-head herd, a cattleman will need to buy two dust bag kits costing about \$24

apiece. Each kit comes with 25 lbs. of insecticide dust.

Two 25-lb. refills, which cost about \$12.50 each, should last the entire fly season, says Foster. Total cost per head comes to 74 cents for the kits.

To be effective, dust bags must be installed where cattle are forced to come in contact with them every day. Fencing off the water supply works best, says Foster.

But if this isn't practical, he recommends setting up the dust bags so cattle have to go through them to get salt and mineral.

"Watch the cattle as they walk through the treatment area to make sure dust bags are hung at the proper height," says Foster. "The bags must cover the entire opening so the cattle have to pick them up with their heads."

ATTENTION COW/CALF OPERATORS

Announcing the First

Socorro All-Breeds BULL SALE

APRIL 18
Socorro Livestock Market
Selling 100 BULLS

At least half will be 2-year-olds

Breeds Selling, include:
Angus Brangus Charolais
Hereford Devon Simbrah
Simmental Beefmaster Bratford

For more information contact:

Arkie Klehne
Socorro Livestock Auction
P.O. Box 1736, Socorro, N.M. 87801

Office: 505/835-2219 • Home: 505/835-3680

WESTERN LIVESTOCK JOURNAL
First in News of the Beef Cattle Industry

Schroeder Balanced Bull Sale



50 BIG BULLS
BALANCED FOR PROFIT



Oursy SJ 4100
5 Star National Sire Evaluation
ROM Feedlot-Carcass Sire
Sire of Bull Test Winners

SC Mark Arthur 85
5 Star National Sire Evaluation
ROM Feedlot-Carcass Sire
Sire of ROM Show Winners

GROWTH

Proven by Progeny Test

Also selling sons of:
Prospector 6112
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Fertility and Maternal Traits

Refill Yield and Eye Appeal

Friday, April 10 • 1 p.m. CST • Lunch at 11:00

At the Ranch—3 miles west of Palisade on Hwy. 8

World's Champion Auctioneer—Dean Schow

FREE DELIVERY in Nebraska and surrounding states
or \$25 per head credit if you haul.

Schroeder Cattle Company
PALISADE, NEBRASKA 69040

GENE: 308/285-3414
CHUCK: 308/285-3233



TWENTIETH SALE—Born Herefords of Follett, Texas, hosted their twentieth sale at the ranch this year. Welcoming their largest crowd ever are Lefty Born (left) and Stanley Stout, well-known auctioneer. (Staff photo by Lee Pitts)

Progress being made toward embargo lift, says Whitaker

Following a recent meeting with U.S. Agriculture Secretary John Block, Rep. Robert Whitaker (R-Kan.), said reporters he believes progress is being made toward lifting the U.S. partial grains embargo against the Soviet Union.

He (Block) avoided giving any time frame but he indicated the embargo will be lifted sooner rather than later. Whitaker said the question of the

embargo is not a question of whether the administration will lift the embargo, but rather when. He said he believed Block was making "inroads" within the Reagan Administration, which has stalled any decision on the embargo.

During the past month, Block has made numerous public statements indicating that the administration wanted to lift the embargo but was preoccupied with the question of the

BIRDTAIL RANCH • GOLLAHER RANCH ANGUS BULL SALE • Monday, April 13

Great Falls, Montana

Great Falls Livestock Center • Lunch 11:30 • Sale 12:30

60 Performance Tested Yearling Bulls Sell

Bulls can be seen at HSD Feedlot until sale time. Located 10 miles west of Great Falls on Hwy. 200.

Pat Goggins: Auctioneer



By Mr. Angus—He sells



By Bird Creek Quality 348—He sells



By Mr. Angus—He sells



By Mr. Angus—He sells

Birdtail Ranch

Doug & Nancy Dear 406/264-5252
Russ & Barb Pepper 406/264-5694
Simms, Montana 59477

Gollaher Ranch

Myrie & Delight Gollaher
406/468-2273
Cascade, Montana 59421

Guest Consignor:

Big Dry Angus Ranch
Chas. McRae & Family • 406/557-6121
Jordan, Montana 59337

Auction Results

COURTNEY HEREFORDS
Belle Fourche, S.D., March 19
Jim Courtney & Family,
Alzada, Mont.

44 bulls \$1,740
23 yearling bulls 1,383
87 lots 1,517

Auctioneer: Pat Goggins

Bulls: CH Real Ardmore 9012,
4/15/79 by C Royal Ardmore 329,
Crage Hereford Ranches, Belle
Fourche, 32500. CH Ardmore
Dom 9022, 4/19/79 by CH
Ardmore Dom 611; Kubacher
Ranch, Oshawa, Wyo., \$2000. CH
Standard Lad 983, 4/13/79 by JH
Ardmore Lad N885; Reno & Sons,
Inc., Gillette, Wyo., \$2500. CH
Sdr Prince 992, 4/15/79 by JH
Real Prince D432; George Shy,
Ashland, Mont., \$2500. Court
Ardmore VJ 981, 3/25/79 by WJ
Double Ardmore 3; Merrill
Barton, Union, Wyo., \$2500.
Court Ardmore WJ 9041,
5/22/79 by WJ Double Ardmore
3; George Wheeler, Phillips,
\$2250. CH Standard Lad 973,
3/28/79 by JH Ardmore Lad
N865; Carl Stagle, Oshawa, Wyo.,
\$2200. Court Ardmore N928,
3/17/79 by JH Ardmore Lad
N509; Reno & Sons, Inc., \$2200.
CH British Sdr 92, 2/17/79 by
JH British Sdr 547; Barton,
\$2200. CH Real Ardmore 98,
3/12/79 by C Royal Ardmore 329;
Earl Kroydel, Ekalaka, Mont.,
\$2100. Court Ardmore WJ 99,
3/13/79 by WJ Double Ardmore
3; Jim Evans, Biddle, Mont.,
\$2100. CH Sdr Ardmore 869,
3/28/79 by JH Real Ardmore
M378; Stagle, \$2100. CH British
Sdr 9019, 4/17/79 by JH British
Sdr 547; Bill Iodencia, Hemming-
ford, Neb., \$2100.

Bull calves: Court Ardmore
J01, 2/12/80 by CH Standard Lad
841; NR 111, YR 110.4; Crage
Hereford Ranch, \$3200. CH Sdr
Prince D432; NR 111, YR 114.7;
Lyle Owen, Hammond, Mont.,
\$2000. CH Ardmore
Image 038, 3/21/80 by WJ
Ardmore Lad 820; NR 110.8, YR
108.9; Bob Jurlich, Caputa,
\$2600. CH Real Ardmore D46,
3/23/80 by C Royal Ardmore 329;
NR 107.8, YR 107; Garney
Cattle Co., Wibaux, Mont.,
\$2500.

This selling event moved down
from one year ago, but it was still
the best event in the trade area in
some time. The entire trade area
for several hundred miles in all
directions is still under the effects
of an extreme drought.

The live cattle market
structure is under an an was
under, downward pressure at
sale time. Given these sale terms,
the event reads even better. It
was one of those days that
ranchers have to be impressed
with what the seller has to offer if
they are going to bid at all. They
still agree with the Courtney
product: they like what they see;
but they just are not willing to
invest as many dollars as if their
own conditions of weather and
market were more favorable.

—RALPH HEINEMANN

VALLEY VIEW ANGUS RANCH
Harlem, Mont., March 18

28 bulls \$1,025
30 yearling bulls 834
26 heifers 657
82 lots 638

Auctioneer: Jim Baldridge

Bulls: Cowells Shoshone 17,
4/11/78 by Shoshone 0318 PJM;
Burt Heartmeir, Chinook,
\$1900. Cowells Shoshone 25,
5/17/79 by Shoshone 0318 PJM;
Heartmeir, \$1800. Cowells
Shoshone 19, 4/11/79 by Shos-
hane 0316 PJM; Hanson
Farming, Harlem, \$1800.
Cowells Giant 25, 1/16/79 by
Mon Reposa King 690; Hanson
Farming, \$1800. Cowells Shos-
hane 12, 3/30/79 by Shoshone
0316 PJM; Hanson Farming,
\$1500.

Yearling bulls: Cowells King
43, 2/3/80 by Mon Reposa King
659; Pleasant Ranch, Chinook,
\$1400. Cowells King 30, 1/15/80
by Mon Reposa King 1539;
Hanson Farming, \$1200. Cowells
King 32, 1/18/80 by Mon Reposa
King 1539; Jeff Sather, Harlem,
\$1200. Cowells Rio Ever 3,
2/18/80 by Rio Ever 8100 GDAR;
Sather, \$1100.

Females: Cowells 22 of
Valley View, 4/12/79 by Shos-
hane 0316 PJM; Balingier
Ranch, Hogland, \$700. Evening
Elite 42 of VV, 4/17/79 by
Shoshone 0318 PJM; Birmar
Smith, Harlem, \$700. Champs 37
Shoshone 0318 PJM; Balingier
Ranch, \$700. Excel 14 of Valley View
4/12/79 by Shoshone 0318 PJM;
Balingier Ranch, \$700.

John Cowell and a nice, even,
early tone, and it did not vary
once underway. The cattle found
a market in the ranch trade. This
market was not what it was one
year ago, however, that fact is
understandable when conditions
are taken into consideration.

This local area is still dry, very
dry, and the cattle market is less
aggressive. Ranchers are
inclined to take some money out of
their purchases. They did today,
but they still invested in the
cattle. They purchased what this
firm had to sell.

—RALPH HEINEMANN

SOUTH MONTANA ANGUS
SALE

Butte, Mont., March 21

66 bulls \$1,426
41 yearling bulls 1,288
97 lots 1,371

Auctioneer: Pat Goggins

Bulls: Cedar Hills Antaeus 7,
5/23/79 by Vermilion Antaeus
7035; Nick Novich, Twin Bridges,
\$2400. Sadorff Shoshone 901,
3/10/79 by Kadence Shoshone
520; MacKenzie Ranch, Sheri-
dan, to Duling Livestock,
Jackson, \$2400. Blackwood Dyna-
mo MJ 392, 2/27/79 by Sayre
Dynamo 511F; Elmose Angus
Ranch Three Forks, to Carl
Kantarowitz, Wolf Creek, \$2000.
Challenger of Selkirk 27, 3/13/79
by Challenger of FV 61; Selkirk
Angus Ranch, Two Dot, to Frank
Balkovez, Twin Bridges, \$2000.
Challenger of Selkirk 2, 3/15/79
by Challenger of FV 61; Selkirk
to Duling, \$2000. MGM Memo,
3/15/79 by Memo of Wye; Munis
Angus Ranch, Phillipsburg, to
Milch Munis, Phillipsburg,
\$2000. Franchester 588 CWV,
2/16/79 by Shoshone Franches-
ter GE6; Charles Younkin,
Manhattan, to Hanson Bros.,

Whitehall, \$2000. Ankanlan
Prospector MJ 383, 2/15/79 by
Northern Prospector 14; Elmose
Angus Ranch, to Kantarowitz,
\$1900.

Yearling bulls: Posers Caryl
1280, 2/25/80 by Ken Caryl Mr
Annie, 8017; Gary Paser,
Belgrade, to Morris Angus
Ranch, Melrose, \$2500. HA
Sunset Emulous 0011, 2/6/80 by
Early Sunset Emulous 00E; Ron
Harrar, Bozeman, to Schulz
Angus Ranch, Sheridan, \$1900.
H96 Rito Gambler 260, 3/6/80 by
RH Rito Highroller 7019; Dave
Hinnman, Willow Creek, to
Schulz, \$1850.

This south Montana sale was,
in terms of the business, a strong
event once again this season. The
sale moved nearly 100 bulls on a
rancher market at good prices.
The bulk of the two-year-olds
returned \$1500 to \$2000 each; the
yearling demand settled at
mostly \$1000 to \$1500 each.

The sale proved an effective
method of getting buyer and
seller together on this occasion.
The supply seemed to be about
what the demand required, and
the sale moved right along on that
basis.

—RALPH HEINEMANN

Public land fees
stay at 1980 rate

In response to cattle pro-
ducers' objections to rising
fees for grazing their cattle
on public lands, the Forest
Service recently froze fees
at last year's level for four
million acres of national
grasslands in nine states.

Lookout Limousin Ranch

Annual
Limousin Bull Sale
Monday, April 13
1 p.m. at the ranch • Timber Lake, South Dakota
Selling 85 Lots 40 Black Bulls
45 Red Bulls



Champion Limousin Bull at the 1980
Western Jr. Livestock Show at Rapid City.
This top, polled, young herd bull prospect
sells!

Half brother to Lookout Mountain 113,
out of one of the best females in the
Lookout Limousin Herd. In our 1981 ca-
load—He Sells!



LOOKOUT LIMOUSIN
Pete Carmichael, owner • 605/865-3146
Timber Lake, South Dakota 57856

Auction Results

MUSICK-ROBBERTSON ANGUS
Tucumcari, N.M., March 19

37 Angus bulls \$1,170
15 Brangus bulls 877
5 Ankla bulls 660
2 Angus pairs 882
11 bred Angus heifers 775

Auctioneer: John Brandon

Angus bulls: Musicks Emulous
908, 3/2/79 by Billies Emulous
4136; Musick Angus, Portales, to
Raney Ranch, Corona, \$2000.
Musicks Espen 024, 2/25/80 by
Dunbroke Espen 711; Musick to
Raney, \$1800. Musicks Emulous
906, 5/15/79 by Billies Emulous
4136; Musick to J.A. Cattle Co.,
Clarendon, Texas, \$1850. Mus-
icks Emulous 914, 4/28/79 by
Billies Emulous 4126; Musick to
Erramuspe Ranch, Corona,
\$1850. Musicks Emulous 940,
4/22/79 by Billies Emulous
4136; Musick to Mead and
Angus, Teos, \$1850. Musicks
Espen 943, 3/5/79 by Dunbroke
Espen 711; Musick to Erra-
muspe, \$1750. Wingglass Black
Jumbo, 3/30/79 by Bon View
Evolution 337; Gene Robbertson,
McAllister, to J.A. Cattle Co.,
\$1750. Musicks Emulous 924,
5/13/79 by Billies Emulous 571;
Musick to Mike Udall, St. Johns,
Ariz., \$1350. Musicks Emulous
904, 2/20/79 by Emulous 212;
Musicks to Erramuspe, \$1350.
Wingglass Mindburn, 3/28/79
by Bon View Evolution 337;
Robbertson to J.A. Cattle Co.,
\$1300. Musicks Emulous 909;
5/5/79 by Billies Emulous 4136;
Musick to McAllister Cattle Co.,
Nara View, \$1300. Wingglass
Emulous Marshall, 4/12/79 by
Wingglass Emulous 4114; Rob-
bertson to Gillespie Ranch,
Springer, \$1300.

Angus heifers: Wingglass
Elba, 5/3/79 by Bon View
Evolution 337; Robbertson to Tom
and Robby Powell, Hagerman,
\$1375. Wingglass 513, 5/13/79
by Wingglass 4114; Robbertson
to Gillespie Ranch, \$1300.

In this tenth annual sale of
Leon and Gene Robbertson, the
bulls with some age on them were
well received. It was a solid group

of two-year-olds that sold
recap buyers. The younger cattle met
with some resistance.

—LEE PITTS

TUCUMCARI TEST BULLS

Tucumcari, N.M., March 20

30 Angus \$1,048
14 Charolais 1,143
31 Herefords 1,130
21 Polled Herefords 1,092

Auctioneer: Stanley Stout

Angus: Flint 008 Herdholder,
1/29/80 by Flint H 541-748; A.F.
Flint, Bard, to Linden Elder,
Miami, Okla., \$2000. Flint B-22
Spicer 049, 3/31/80 by Flint D-47
Desert Prince 2122; Flint to Hall
and Gnal, Nowaki, Carizozo,
\$2000. Luster, Blanco 8105,
2/22/80 by Blanco of Wye;
Hinkson and Lutz, Lazbuddie,
Texas, to George Raney, Corona,
\$2000. Flint Test Selter F042,
3/8/80 by Flint D-47 Desert
Prince 2122; Flint to Mike
Harvey, Estancia, \$1825.
Charolais: GCR Supreme B14,
4/11/80 by GCR Supreme 141;
Grua Charolais, Grady, to Bob
Grave, Estancia, \$1500. GCR
Supreme 68, 2/24/80 by GCR
Supreme 15; Grua to Gravelo,
\$1475. JE Sir Sam 85, 1/19/80 by
RER Sir Sam 3287; John
Williams, Boise City, Okla., to
Gravelo, \$1375. JE Royal Lee B11,
2/26/80 by RER Sir Royal Sam
3287; Williams to Gravelo, \$1350.

Herefords: CA LI Advance
789801, 2/12/80 by HH Advance
A731; Jay Cammack, Portales, to
Danae Harford, Pritchett,
Colo., \$3400. Bell Advance 0049,
3/18/80 by HH Advance A482;
The Bell Ranch, Bell Ranch, to
T-4 Cattle Company, Montoya,
\$2400. PWM L1 Domino 0258,
3/28/80 by PWM L1 Domino
A6336; Bell Ranch to Tracy
Burns, Hotchkiss, Colo., \$2100.
Bell Advance 0031, 3/12/80 by
HH Advance A482; Bell Ranch to
Charlie Martin, Roswell, \$2000.
6Z UD Arden 18, 2/29/80 by RR
Brae Arden 6202; Ray Ranch,
Roy, to Robert Diller, Hereford,
Texas, \$1600.

Polled Herefords: Clayton
Numode B170, 2/24/80 by
Clayton Numode 410F; Glenn

Buttner, Clayton, to Paul
Tibbitts, Tucumcari, \$2700. JKT
Numode 249, 2/24/80 by Clayton
Numode 905; Steve Furry, Gravit,
to Rimrock Ranch, Casper, Wyo.,
\$1600. Clayton Numode B168,
2/22/80 by Clayton Numode 740;
Burrows to Gibson, \$1550.
Clayton Numode B185, 3/17/80
by Clayton Numode 410F;
Burrows to Albert Sosio, Farm-
ington, \$1500.

The New Mexico Beef Cattle
Performance Assn. sponsored
this twentieth annual test and
sale. The bulls were the good
doing kind, backed by years of
performance testing. Interest on
the top end was keen. As with all
of the bull sales in New Mexico
this spring, there were a lot of
good buys.

As auctioneer Stout said,
"Cattlemen might consider sell-
ing off older bulls and replacing
them with younger ones. In many
cases it would be an even swap on
price and a step towards herd
improvement."

The test and sale were
extremely well run. The sale barn
was full. The cattle were
growing, the prices competitive.

—LEE PITTS

Limousin summary

evaluates 340 bulls

The North American
Limousin Foundation
(NALF) released its 1981
Sire Summary, and accord-
ing to Dr. Greg Martin,
NALF's executive vice
president, it evaluates more
bulls based on more
progeny than any previous
Limousin Sire Summary.

The 1981 summary con-
tains data on 340 bulls,
based on the performance of
69,214 progeny.

Bulls were evaluated in
four traits—birth weight,
adjusted 205-day weaning
weight, adjusted 365-day
yearling weight and daugh-
ters first calf weaning
weight.

Heritage of the Americas Sale

Offering Some of the Nation's
Finest Registered Brangus Cattle!

Saturday, April 25 • 1 p.m.
Lemons Gap Ranch • Tuscola, Texas

The finest selection of herd sire prospects ever offered by
Escoba... superb show heifer prospects and embryo
donor cow prospects.
FEATURING: The service and production of Aztec, Maya
and Inca.
ALSO: Production for Brink's Mac Titan 6/4, WSR Cloud
942, Brinke Carson 3350 and ECC Peos Lad 2158.

Selling 55 Lots

8 top herd sire prospects
10 open heifer show and replacement prospects
28 bred females
6 pairs (3-in-1 packages)
3 excellent embryo donor prospects included in
this offering
(For each female lot purchased, buyer's choice of 2
straws of semen and one breeding certificate to
Aztec, Maya or Inca.)

SALE HEADQUARTERS:

Royal Inn - For Reservations
Toll Free call 1-800-592-4451
All day inspection of cattle
Outside Texas call
1-800-351-1367
Kiva Inn - For Reservations
Toll Free call 1-800-592-4466
P&F Cattle Co. - For
Reservations call 713-856-3616

SCHEDULE OF EVENTS

Friday, April 24
All day inspection of cattle
Saturday, April 25
8:00 a.m. - Coffee and Donuts
11:30 a.m. - Check Wagon Lunch
1:00 p.m. - Production Sale
Post Sale - Hors d'oeuvre

Auctioneer: Ruben Reyes

SALE MANAGERS

Box 807, Belville, TX 77418
Phone: 713-283-3018
Telex: 713-463-0000

"Our Strength is in Our Bloodlines"

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Escoba

Brangus

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817-272-1201 ext.
817-282-7117 ext.

MYRON BARTHOLOMEW, Mgr.
Lemons Gap Ranch
Route 1, Box 180-A
Tuscola, Texas 79786
817-282-1201

CATTLEMEN'S OPPORTUNITY

BULL & FEMALE SALE

APRIL 10 - Friday 11:00 a.m. MST

200 BULLS-ALL BREEDS

500 COWS - Breds, Opens, Pairs

EL PASO LIVESTOCK AUCTION CO., INC.

Lloyd Otten, Mgr.
Hueco Tanks & Moon Road, Box 9971
El Paso, Texas 79980 • 915/859-9101 or 598-3329



What's behind the Simmental explosion?

Heavier weaning weights!

Tests conducted by Michigan State University, the U.S. Meat Animal
Research Center, South Dakota State University and others have
shown that Simmental breeding increases weaning weights from 40 to
100 lbs. or more. They did it simply by using registered
Simmental bulls.
Interested in selling more pounds at weaning? Then buy a
performance measured Simmental for your next herd sire.

For information about Simmental breeders in your area, write:

Colorado Simmental Assn. • 33899 Weld County Rd. 55 • Gilt, Colorado 80824

Colorado Simmental Assn.

Sponsoring the following

Bull Test Sales:

SATURDAY, APRIL 4—1 p.m.

"BEST YET" CSA BULL TEST SALE

Ft. Collins, Colo.—Centennial Livestock Auction

(formerly Farmers and Ranchers)

Selling 45 bulls—1/2 bloods to fullbloods

Test Chairman: Bernie Brown—308/297-3447

THURSDAY, APRIL 16—1 p.m.

SOUTHEAST CSA BULL TEST SALE

Lamar, Colo.—Lamar Livestock Commission Co.

Selling 40 bulls

Test Chairman: Bill Sparks—303/326-5961

These bulls are all off an official bull test overseen by CSU Extension Service.

They are all registered, fertility tested, Bangs and TB tested.

HUCKFELDT—KREBS

2nd Annual

Angus Range Bull Sale

Tuesday, April 7 • Gordon, Nebraska

12 noon MST in the heated sale barn at the ranch

Complimentary Lunch

Selling 65 Lots

25 Two-year-old Bulls
40 Yearling Bulls

Featuring the Denver Carload

Featured Sires: ★ "Mr Angus" ★ "Dynamo II"
★ "Sky High" ★ "Prospector 1618" ★ "Dynamo"

Coming 2-year-old—Lot 19 • YR 106

Coming 2-year-old—Lot 13 • YR 113

Auctioneers: Jim Baldridge & Tracy Harl

FREE TRUCKING on total purchases
of \$3500 or more to one buyer

For catalogs or further information contact:
Sales Manager

RLS
Rishel Livestock Services
P.O. Box 1511
North Platte, Nebraska 69101
402/334-8308

H
K
Huckfeldt-Krebs Cattle Co.
Joe Huckfeldt Eldon Krebs
Box 51, Bayonne Route
Gordon, Nebraska 69343
308/282-2479

Auction Results

VAN DYKE ANGUS RANCH
Bozeman, Mont., March 17
Clarence Van Dyke,
Manhattan, Mont.

73 yearling bulls \$1,716
33 open heifers 1,048
106 lots 1,500

Auctioneer: Phil Goggins
Sale Manager: Rishel Livestock
Services

Bulls: Band 105 of VDAF 636,
1/22/80 by Band 234 of Ideal
3183; NR 112, GR 122, YR 114,
IPR 114, Vermilion Ranch;
Billings, \$9250. Band 105 of
VDAF 681, 2/19/80 by Band 234
of Ideal 3183; NR 106, GR 108, YR
112, IPR 112; Vermilion Ranch,
\$9250. Band 105 of VDAF 601,
1/27/80 by Band 234 of Ideal 3183;
NR 108, GR 130, YR 115, IPR 115;
Ames Bros., \$8000. VDAF
Shoshone 678m, 3/19/80
by Schearbrook Shoshone; NR
114, GR 115, YR 114, IPR 114;
Rico Ranches, Harrison, 7/4-Int.,
\$5500. VDAF Shoshone 512,
1/10/80 by Schearbrook Shos-
hones; NR 104, GR 108, YR 105,
IPR 105; Rich Peterson, Heligier,
Neb., 7/4-Int., \$5000. Five 35 of
VDAF 635, 1/22/80 by Rito 206 of
Ideal 2218; NR 108, GR 104, YR
108, IPR 108; Tom Weiling,
Winifred, \$5000. VDAF Shos-
hones 644 K, 1/26/80 by
Kadence Shoshone 520; NR 107,
GR 117, YR 112, IPR 112; Hay
Creek Angus Ranch, Sidney,
\$4000. VDAF Shoshone 632,
1/18/80 by Schearbrook Shos-
hones; NR 95, GR 103, YR 101,
IPR 101; Russell Robinson,
Willard, \$3750. Band 105 of
VDAF 607, 1/18/80 by Band 234 of
Ideal 3183; NR 117, GR 93, YR
107, IPR 107; Vermilion Ranch,
\$3000. VDAF Shoshone 634,
1/20/80 by Schearbrook Shos-
hones; NR 113, GR 104, YR 110,
IPR 110; Robinson, \$3000. VDAF
France 658, 2/15/80 by PS
France 654 157; NR 121, GR 88,
YR 111, IPR 111; Rico Ranches,
\$3000.

Females: VDAF Shoshone
Kathy 503, 1/26/80 by Schear-
brook Shoshone; Canfield Angus,
Union, Mo., \$2000. VDAF
Shoshone Polly 494, 1/20/80 by
Kadence Shoshone 520; Can-
field, \$1900. VDAF Shoshone
Lucy 523, 2/15/80 by Schear-
brook Shoshone; Canfield, \$1800.
VDAF Shoshone Pride 508,
1/27/80 by Kadence Shoshone;
Canfield, \$1700. VDAF Rito
Eppomere 515, 2/2/80 by Rito
149 of VDAF 460; Kan
Veldkamp, Manhattan, \$1600.
VDAF Rito Eluna 478, 1/31/80
by Rito 206 of Ideal 2218;
Veldkamp, \$1500.

This was a selling event that
set a strong average. The cattle,
all yearlings from the 1980 year,
have a complete performance
pedigree. The rancher trade
came in strong after the purchase
interest had taken off some of the
very top cattle. Perhaps the
purebred trade even pressed a
little more aggressively than
most parties had expected, and
when some ranchers could not
get the very best, their interest
seemed to narrow somewhat
today.

The sale did carry well,
however, and the Clarence Van
Dyke family did lots of volume.
The females found a very
aggressive market here today.
—RALPH HEINEMANN

**BUTTON, THOMAS AND
LEVIS, INC. SIMMENTAL**
Harold, S.D., March 10

82 bulls \$1,933

Auctioneer: Curt Rodgers

Tops: Purebred, 8/12/79 by
Polled Pattern; Shaw Simmental
Farm, Maxwell, Iowa, 7/4-Int.,
\$7500. Purebred polled,
4/8/80 by Polled Pattern;
R.M.H. Farms, Raymond, \$4100.
4/8-Int., 4/18/80 by Polled
Pattern; Francis DeRoughy,
Hovoh, \$4000.

A large crowd was on hand
and they came to do business.
The bulls were well accepted and
moved quickly. Volume buyers
were: Robert Wieseler, Orient,
Eg and Bob Hartum, Harold,
and David Ogilvie, Harold.

**APEX AND WESTWIND BULL
SALE**
Valley, Mont., March 19

19% Polled Hereford bulls \$2,613
Angus bulls \$12

Old entries: John Holden, Valley,
Mont.

Polled Hereford: C4 West-
wind 254, 2/8/80 by C4 West-
wind 304; NR 108, GR 121, YR
121, IPR 121; Holden, \$2000.

Polled Hereford: Valley, to Bill
Hartum, Harold, \$2000.

25,000 C1 Westwind 9M,
2/11/80 by C4 Westwind 12K, NR
110, GR 106, YR 110, Holden to
Harold Prussell, Prussell, \$2500.
L Westwind 1M, 1/22/80 by L1
Westwind 30K, NR 110, GR 98,
YR 105, George Stolz, Valler,
\$2200. C4 Westwind 29M,
2/7/80 by C3 Westwind 18H; NR
98, GR 105, YR 102; Holden to
Double H Ranch, Ashland,
\$2000. W Tiberius 31M, 2/6/80
by L1 Westwind 11K, NR 107, GR
98, YR 103; Holden to Double H
Ranch, \$2000.

Angus: Apex 8020, 3/78 by
Kadence Baltimore 5444; NR
107, GR 102, YR 104; Apex
Angus, Valler, to Bills Ranch Co.,
Dupuyer, \$2750. Westwind 8058,
2/7/80 by Shoshone Titan PTW2;
NR 109, GR 102, YR 107;
Holden to Stu Smith, Rudyard,
\$2200. Westwind 8069, 2/29/80
by Shoshone Titan PTW2 20; NR
110, GR 110, YR 111; Holden to
Jim Wadheim, Valler, \$2200.
Apex 8007, 2/8/80 by Vermilion
Beaufort 6054; NR 109, GR 110,
YR 109; Apex to Bills Ranch,
\$2100.

The silent auction portion of
the sale moved right along and
about two-thirds of the Angus
bulls sold at the base price or
above. About one-half of the
Polled Hereford bulls moved with
additional bulls selling later in
the day and these bulls are not
reported here. The event
attracted a good sized crowd.
They were cautious but they did
take home the bulk of the bulls.
—RALPH HEINEMANN

**WESTERN MONTANA ANGUS
SALE**
Missoula, Mont., March 18

24 bulls \$1,411
36 yearling bulls 1,211
11 heifers 659

Auctioneer: Bill Rehm

Bulls: Auch Marshall A103,
4/20/79 by Schearbrook Mar-
shall 2X87; Auch Angus Ranch,
Corvallis, to Williams Stock
Farm, Kalispell, \$2000. Black-
jack Rito MJ 405, 3/24/79 by
Ritos AK SAR Ben WJ 311;
Elmore Angus Ranch, Three
Forks, to Don Doherty, Victor,
\$2000. Wendy Schearbrook 952,
2/27/79 by Schearbrook 2 W

Females: Auch Marshall A103,
4/20/79 by Schearbrook Mar-
shall 2X87; Auch Angus Ranch,
Corvallis, to Williams Stock
Farm, Kalispell, \$2000. Black-
jack Rito MJ 405, 3/24/79 by
Ritos AK SAR Ben WJ 311;
Elmore Angus Ranch, Three
Forks, to Don Doherty, Victor,
\$2000. Wendy Schearbrook 952,
2/27/79 by Schearbrook 2 W

Strange that some of us
are satisfied with so little in
ourselves but demand so
much from others.
—RALPH HEINEMANN

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SCHEARBROOK

Annual
Performance-tested **BULL SALE**

Thursday, April 9, 1981

1 p.m. at the ranch
Stevensville, Montana

60 February and March Yearling Bulls
All Performance-Bred and Performance-Tested

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Thomas Chups Schearbrook Classic

Plus: Schearbrook Sensation
Byergos Black Revolution 36 • Early Sunset Emulous 80E

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Ken Williams, Manager • 406/777-5615



Officials debate farmer rights in elevator bankruptcy issue

What are a farmer's rights when the elevator storing his grain declares bankruptcy?

That question is currently under consideration by the House of Representatives, state legislators and the USDA.

Two members of the House of Representatives have introduced legislation that would protect producer-owned grain held in elevators in the event of bankruptcy, according to Commodity News Service (CNS).

Congressman Tom Coleman (R-Mo.) recently introduced a bill to protect farmers from impoundment of their commodities when a grain elevator files for bankruptcy.

Coleman's farmer grain storage protection act is designed to give farmers

prompt access to their grain, which may otherwise be lost during bankruptcy proceedings, Coleman said.

Coleman's bill allows farmers who have the proper receipts and proof of ownership to get their commodities out of an elevator prior to bankruptcy proceedings.

A similar action was recently introduced by Rep. Donald Albosta in the form of a national grain elevator insurance bill. This plan would work similar to a check-off program of 0.25 cents per bushel to form a \$25-million insurance fund for farmers who deposit grain in commercial elevators.

The fund would be administered by the USDA, through the Agricultural Stabilization and Conservation Service, Albosta said. Each farmer would be

insured for up to \$100,000. The Iowa House of Representatives is considering legislation intended to increase protection for producers with warehouse receipts or who sell on price-later contracts.

According to sources at Iowa's House Agriculture Committee, CNS reports the bill would require that grain warehouse inspections and an unqualified audit by a certified public accountant be performed yearly. Elevators would also be required to maintain a 0.9 to one assets to liabilities ratio.

Amendments are being considered which would establish the farmer as the first creditor on farmer-owned grain stored at the elevator. This plan, however, is in direct conflict with the federal bankruptcy

law which gives preference to banks as first creditors. Another amendment would establish a state deposit insurance fund which would reimburse farmers for 80% to 100% of their losses on warehouse grain. A \$10 million fund is being discussed.

The USDA is currently seeking public comments and recommendations on how best to protect the interests of both farmers and the government when dealing with grain elevators that go bankrupt.

According to Edward Hews, acting administrator

of USDA's Agricultural Stabilization and Conservation Service, a USDA working group will consider the comments during its review of all existing laws and regulations dealing with the question of grain ownership at insolvent elevators.

of USDA's Agricultural Stabilization and Conservation Service, a USDA working group will consider the comments during its review of all existing laws and regulations dealing with the question of grain ownership at insolvent elevators.

"We Raise Em Big Enough & Good Enough For The Practical Cowman"

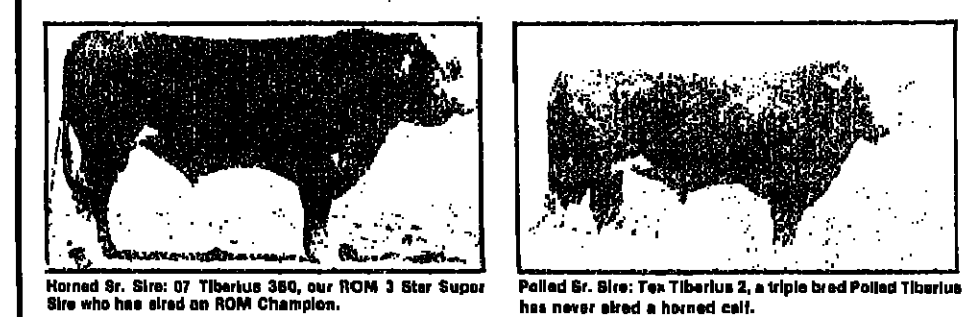
Our 25th ANNUAL Sale Saturday **APRIL 11th**

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57 Horned
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Sale 12:30

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Cinco Noches Ranch
• AUCTIONEERS: Arkie Klehne and Bill Frerichs



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Rob & Mary Hooper Phone: 802/333-4377 Springerville, Arizona 85938

Prices to suffer if embargo holds

Lifting the partial U.S. grain embargo against the USSR might prompt modest increases in grain prices, but retention of the embargo past Sept. 30 could substantially depress those prices, Agriculture Secretary John Block said, according to CNS.

Block told the House Budget Committee the removal of the embargo could add 10 cents per bushel to the price of corn and slightly more to wheat prices. He said removing the embargo would necessitate no U.S. Government outlays and could actually

save the government money by reducing demand for farm commodity loans.

Leaving the embargo in place after Sept. 30, the last day of the current U.S.-USSR grain supply agreement, could cause a substantial drop in grain prices since the U.S. would be unable to sell any grain to the USSR after that date without a new agreement, Block said.

He said he was unsure if the Soviet Union would import much more U.S. grain in the fifth agreement year were the embargo

lifted since the embargo had been ineffective in keeping the USSR from obtaining grain from other countries. Block said the USSR seemed to have filled its grain needs, at least temporarily.

Pork Producers reassess controversial nitrite issue

John Saunders, newly elected president of the National Pork Producers Council, said at a recent press conference that the council is reassessing the nitrite issue, reports CNS.

Following the U.S. Supreme Court's denial of the labeling appeal regarding the nitrite issue, the NPPC is in a reassessment stage, Saunders said.

He said the council feels this is a potentially dangerous area for consumers, because the products with and without nitrite look alike. Experts say consumers do not read labels carefully, and the council is fearful that non-nitrite-related illness of consumers would be a "black eye" for the industry, Saunders said.

confident the new congress will be more receptive to changes in food safety legislation, and he said the meat industry plans to be a major force in factual input. The council's goal will be to insure consumers a safe food supply, while providing producers with legislation they can live with, he said.

Only thirty-seven?

Contrary to popular, TV-inspired beliefs, the average cattle ranch in Texas is not as big as Southfork on the series "Dallas." The beef cow herd on Jan. 1, 1981, in Texas was 5.88 million head. With 167,000 cattle operations in the state, then the average cattle herd in beef production is slightly more than 37 head.

Carlson's Arrow CL 1 Annual Performance Sale Tuesday, APRIL 7

12:30 CST at the ranch • Lunch 11:00
Spiritwood, N. Dak.

100 YEARLING BULLS
50 Sons of "439"
15 Sons of "825"

40 YEARLING FEMALES
22 Heifers straight or 3/4 Line 1
21 Daughters of "439" Average MBV on all sale heifers 101+

Sale offering sired by:
CH Domino 439 • Arrow CL1 Dom 7186
CL1 Domino 875 • CL1 Domino 825

Line 1 Quality and Performance in Volume!

Last year 47 of 82 bulls sold in our sale for \$1250 or below. These bulls all had a 205-day wt. of over 500 lbs. This is more performance for your money than anywhere in America!

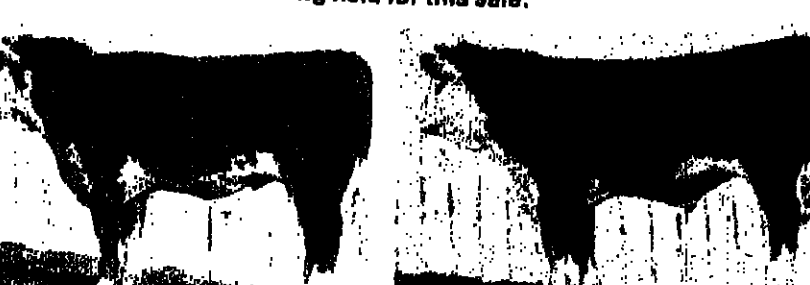
CARLSON HEREFORD FARMS
SPIRITWOOD, NORTH DAKOTA 58481

Gerald: 701/252-4094 Sale Barn: 701/252-1010
1 mi. W of Spiritwood Gary: 701/252-0501



CH Domino 439 Feature sire of the Arrow CL1 sale
1981 Reserve Champion Carload of spring calves at the National Western Continental Hereford Show in Denver. THEY ALL SELU

For the first time, North Dakota breeders will have a chance to buy from the Reserve Champion Carload of spring bull calves from Denver 1981. They are all reserved and being held for this sale.



Lot 0134—WW 738, WR 113.1, MBV 105.2 Sire: 439 • Sire of Dam 158
Lot 0182—WW 763, WR 117.2, MBV 104.8 Sire: 825 • Sire of Dam 439



SALES—Dave Netherton has joined the staff of Applied Genetics International as director of sales and marketing for the genetic profiles and cryogenics divisions of the Arlington, Texas company.

Meat demand to hinge on inflation

(Continued from page 1) white meat up two percent. Prices for the quarter will average \$68 to \$70 for steers, \$42 to \$44 for hogs and about \$63 for lambs. Price said.

Third-quarter meat supplies will be three percent above 1980 levels. Price said, with red meat down two percent and white meat up six percent. Steer prices will average \$69 to \$71, hogs \$46 to \$48 and lambs \$62 to \$64, he said.

In the fourth quarter, Price said, beef production will be up four percent, white meat up three percent, pork down six percent and lamb down one percent. He predicted steer prices at \$68 to \$69, hogs at \$44 to \$46 and lambs at \$64 to \$66.

Price predicted continued good consumer demand for poultry in 1981. He said poultry prices, which are under one dollar per pound, compared with pork down one dollar and beef and lamb over two dollars are a major factor when consumers make buying decisions.

Caribbean market may increase U.S. pork consumption

Venezuela and the Dominican Republic could double or triple their imports of U.S. pork products during the next few years, according to a two-man U.S. Meat Export Federation (MEF) pork study team.

Steve Carpenter, MEF's market development director, and Harold Minderman, Iowa Farm Bureau Federation, met with meat handlers, importers and government representatives in Venezuela and the Dominican Republic recently to discuss future product promotions, as well as ways to facilitate U.S. pork shipments to the Caribbean.

The two identified an immediate demand for U.S. pork products due to severe pork shortages in Venezuela (the result of low domestic production) and the Dominican Republic (the result of a recent outbreak of African swine fever and an ensuing swine herd eradication).

"The market opportunities in Venezuela and the Dominican Republic, as well as the potential in Cuba, could create a 20,000 MT to 30,000 MT pork export market for the U.S.," Carpenter said. "This could equal the damage done by the loss of the

Spokane to host first annual Spokane National Stockshow

A major national livestock exposition is being organized in the heart of the Pacific Northwest. The first annual Spokane National Stockshow (SNS) will be staged October 5-7, 1981, according to Dan Geitman, president of SNS, a subsidiary of the Spokane Area Chamber of Commerce Agricultural Bureau.

The three-day livestock event, scheduled at the Spokane Interstate Fairgrounds, is expected to attract select show cattle from ranking purebred herds throughout Washing-

ton, Oregon, Idaho, Montana, and other Western states. "The inaugural show will feature both English and exotic breeds—Horned and polled Herefords, Angus, Simmentals, Limousins, Pinzgauer and others," Geitman said. In addition to individual breed shows, plans include a select female sale, a club calf sale, a variety of commercial exhibits such as livestock handling equipment and animal health products.

Special events include a series of symposiums aimed at both purebred producers and commercial cattlemen.

The show is being coordinated by the Agricultural Bureau and an advisory board composed of prominent purebred producers, breed representatives, commercial cattlemen, leading educators and civic leaders.

"Site of the show, the newly renovated Spokane Interstate Fairgrounds, provides 360 tie stalls all under cover—and 25,000 square feet of indoor arena for showing animals," said Ray Menach, manager of

the fairgrounds and Ag Bureau member in charge of livestock exhibition facilities. In addition, special pens will be available for cattlemen to show and sell stock during the event.

Before I judge my neighbor, let me walk a mile in his shoes.

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Market Roundup:

Livestock market given hopeful push

THE FIGURES FROM the U.S. Department of Agriculture hogs and pigs report sent the livestock industry from the depths of depression to the heights of euphoria. Last weeks quarterly report indicated total hogs and pigs were down 9% from a year earlier, a figure so bullish that it left many participants in the industry shocked.

The beginning of the week had livestock futures locked up, terminal cash hog prices closed as much as three dollars higher per cwt. followed by cash cattle prices closing one dollar higher per cwt.

Most fresh pork prices closed four dollars to eight dollars per cwt. higher, while dressed beef prices were two dollars to three dollars per cwt. higher.

But despite these higher prices and newly found optimism, the pressuring fundamentals of the marketplace remain intact. Consumer demand has not increased substantially in the last two days, nor have thousands of market-ready fed cattle and hogs disappeared, decreasing supplies.

However, this rally is expected to continue, with higher, if not limit up futures trading in the livestock complex, as well as further increases in cash hogs and cattle prices, and wholesale beef and pork prices.

The gains made this week in cash cattle prices may also be at least partially lost during next week, analysts said, because the beef complex fundamentals have not greatly improved. Price pressure on dressed beef and cash cattle prices may occur next week, they said, unless good retail buying of beef is evident. Because fresh pork prices are sharply higher, retailers may buy more beef than in a normal week.

ARIZONA SLAUGHTER steers mixed good and choice 2-3 950-1050 lbs. \$61.50-62; good end choice 2-3 950-1100 lbs. \$61-62; 1100-1150 lbs. \$60-61; mostly good 2-3 850-1150 lbs. \$60-61. Heifers mixed good and choice 2-3 850 lbs. \$59. Feeder steers md. frame 1-2 300-350 lbs. \$60; md. frame 1-2 450 lbs. \$76; md. frame 2 576 lbs. \$63.78. Idaho slaughter steers good and mostly choice 2-3 1150-1200 lbs. \$61; 1100-1200 lbs. \$60-61; 1200-1250 lbs. \$60.50-61.50. Heifers good and mostly choice 2-3 900-1000 lbs. \$58.50-60. Feeder cattle md. and lg. frame 550 lbs. \$71; 625-725 lbs. \$68; 750-800 lbs. \$67-68. Southeast Texas slaughter steers choice 2-3 1100 lbs. \$60.50. Heifers choice 2-3 700-850 lbs. \$58.50; choice 750 lbs. \$60; 825-765 lbs. \$59.50-61. Western Kansas slaughter steers choice 2-4 1050-1200 lbs. \$59.25-60.50; choice with end good 1050-1250 lbs. \$59-60.25. Heifers choice 2-4 950-1050 lbs. \$58-59; choice with end good 925-1050 lbs. \$58-59.

NEW MEXICO SLAUGHTER steers mostly choice 1000-1025 lbs. YG 2-4 \$60; mostly good 1060 lbs. \$57. Heifers mostly choice 900-955 lbs. YG 2-3 \$58; mostly good 700-800 lbs. \$58.50-57.50. Feeder cattle md. frame 1 and 2 steers 625-675 lbs. \$66.25. Utah slaughter steers mostly choice 2-3 1125-1200 lbs. \$60.50-61; mixed good and choice 1080 lbs. \$59; Holsteins \$57. Heifers good to mostly choice 2-3 950-1000 lbs. \$59-60; mixed good and choice 950 lbs. \$58. Feeder steers and heifers md. frame #1 550 lbs. \$73; 600 lbs. \$68.50; 700-800 lbs. \$65-67; 815 lbs. \$68; lg. frame Holsteins \$62. Heifers \$62. Heifers md. frame #1 550 lbs. \$62. Wyoming, western Nebraska slaughter steers choice 2-3 1100 lbs. \$60. Heifers choice 2-3 \$55; 2-4 \$93. Southern San Joaquin, western Nevada slaughter steers mostly choice 2-3 1075 lbs. \$62.50; good to choice 2-3 1125-1175 lbs. \$62.50; good 2-3 1125 lbs. \$60. Nevada steers 2-3 1000-1150 lbs. \$60-61. Heifers choice 2-4 900-1025 lbs. \$59-60; choice 2-4 1025 lbs. \$60. San Angelo slaughter heifers mixed good and choice 2-3 800-900 lbs. \$58-59.

COLORADO SLAUGHTER STEERS mostly choice 2-4 1050-1200 lbs. \$59-60.50; 1200-1250 lbs. \$59-59.50; 1150-1175 lbs. \$59.50-60; Holsteins \$56. Heifers choice 2-4 950-1100 lbs. \$58.25-60; choice 2-4 950-1050 lbs. \$58-60.50; good and choice 1050-1125 lbs. \$54.50-55.25. Feeder cattle md. frame #1 700 lbs. \$68; 425-450 lbs. \$71. Large frame #1 450 lbs. \$79; 580-650 lbs. \$64.50-65. Montana slaughter steers mostly choice 2-4 1200-1250 lbs. \$59.50-60. Heifers mostly choice 2-4 1050-1125 lbs. \$58.50-59. Cows \$43-45. Bulls YG 1-2 \$53.50-55. Feeder steers md. frame #1 600-750 lbs. \$64-65. Heifers md. frame #1 600-725 lbs. \$58.50-59.

Washington, Oregon slaughter steers good to mostly choice 2-3 1050-1150 lbs. \$63; mostly choice 2-3 1100-1300 lbs. \$60-61; Holsteins on hot basis \$98. Heifers good to mostly choice 2-3 875-1000 lbs. \$58.50-61. Feeder cattle md. and lg. frame #1 800 lbs. \$67.50-68. Southern California and Desert area slaughter steers mixed and good and choice 2-4 975-1100 lbs. \$61-63; 3-4 1100-1200 lbs. \$59-60; Holsteins \$59. Calves mixed good and choice 500-625 lbs. \$66. Sacramento slaughter steers mostly choice 2-3 1025-1075 lbs. \$62-62.50; mostly choice and mixed good 2-3 1075-1125 lbs. \$61-62. Heifers mostly choice 2-4 950-1025 lbs. \$59-60. Feeder cattle md. frame #1 steers 600 lbs. \$68.

SLAUGHTER LAMBS CHOICE and prime 85-110 lbs. spring \$62-64; 110-140 lbs. shorn with #3 pelts \$50-55; mostly \$52-53. Slaughter Ewes good \$53-57; utility \$28-33; cull and few utility \$22-26. Feeder lambs choice and fancy 65-85 lbs. \$60-65; 70-100 lbs. \$58-59.50. Feeder pigs, US 1-2 15-30 lbs. \$21.50-22; 30-40 lbs. \$22-23.50; 40-50 lbs. \$23.50-24.50; 50-60 lbs. \$24-25; 60-70 lbs. \$24-25; 70-80 lbs. \$24-25; 80-90 lbs. \$24-25; 90-100 lbs. \$24-25.

CENTRAL AUCTION ROUNDUP
(Reports as quoted by markets)
AMARILLO LIVESTOCK AUCTION
Amarillo, Texas, March 19
19,983 head received: Feeder steers, md. frame 1 300-400 lbs. \$79.25-83.50; 400-500 lbs. \$74-79.50; 500-600 lbs. \$67.75-75.50; 600-700 lbs. \$66-70; 700-800 lbs. \$65-66.25; 800-900 lbs. \$65.75-66.75. Md. frame 1-2 400-500 lbs. \$65.25-75; 500-700 lbs. \$62-69; 700-800 lbs. \$60-67; 800-900 lbs. \$61-65. Feeder heifers, md. frame 1 300-400 lbs. \$69.75-70; 400-500 lbs. \$67.75-68.50; 500-600 lbs. \$65.25-67.50; 600-700 lbs. \$63.50-65; 700-800 lbs. \$62-65.25; 800-900 lbs. \$61-65.25. Md. frame 1-2 400-500 lbs. \$56-63.50; 500-600 lbs. \$57.25-61.80; 600-700 lbs. \$55.25-59.50; 700-800 lbs. \$54-58. Slaughter cows, ut. 2-4 1200-1600 lbs. \$55-58.75. Replacements, md. frame 1-2 young cows \$40-50; middle aged and aged \$42.50-47.50; pairs \$600 per pair.

TEXHOMA LIVESTOCK COMMISSION, INC.
Tahleah, Okla., March 20
7,184 head received: Feeder steers, choice to 300 lbs. to \$80.50-88; 300-400 lbs. \$75.30-82; 400-500 lbs. \$69.10-72.25; 500-600 lbs. \$66.50-70.40; 600-700 lbs. \$63.50-65.10. Feeder heifers, choice to 300 lbs. \$69.50-74; 300-400 lbs. \$67.50-73.75; 400-500 lbs. \$60.30-61.90; 500-600 lbs. \$60.20-61.90; 600-700 lbs. \$61-61.20. Slaughter cows, top \$47. Slaughter bulls, top \$57.50.

McKINLEY-WINTER LIVESTOCK COMMISSION CO.
Dodge City, Kan., March 19
6,200 head received: Feeder steers, md. frame 1 300-400 lbs. \$79.50-82; 400-500 lbs. \$79-81; 500-600 lbs. \$67.75-75; 600-700 lbs. \$64.25-67.75; 700-800 lbs. \$63.20-65.10; 800-900 lbs. \$62-64.20. Feeder heifers, md. frame 1 350-400 lbs. \$81.50-87.75; 400-500 lbs. \$60.50-63.50; 500-600 lbs. \$58.75-61; 600-700 lbs. \$58.25-61.90; 700-800 lbs. \$58.25-61.90; 800-900 lbs. \$58.20-60.50.

LIVESTOCK EXCHANGE, INC.
Brush, Colo., March 19-20
6,402 head received: Feeder steers, 300-400 lbs. \$70.25-85.50; 400-500 lbs. \$72.50-77.75; 500-600 lbs. \$69.75-75; 600-700 lbs. \$62-66.75; 700-800 lbs. \$61.25-64.25; 800-900 lbs. \$60.75-64.25. Feeder heifers, choice 300-400 lbs. \$70.50-72.50; 400-500 lbs. \$65.25-71.75; 500-600 lbs. \$60.25-62.20; 600-700 lbs. \$60.24-62.25; 700-800 lbs. \$66.75-61.10. Slaughter cows, ut. and comm. \$41-45; canner and cutter \$39-42.50. Slaughter bulls, YG 1 \$58-61.25; YG 2 \$51-55-55. Replacements, pairs \$425-650; bred cows \$485-610.

CLOVIS LIVESTOCK MARKET, INC.
Clovis, N.M., March 18
3,877 head received: Feeder steers, md. frame 1 350-400 lbs. \$78-80; 400-475 lbs. \$71.50-78.50; 500-600 lbs. \$68.75-75; 600-700 lbs. \$66.50-68. Md. and large frame 1-2 550-750 lbs. \$64-67.50. Feeder heifers, choice 300-400 lbs. \$70.50-72.50; 400-500 lbs. \$65.25-71.75; 500-600 lbs. \$60.25-62.20; 600-700 lbs. \$60.24-62.25; 700-800 lbs. \$66.75-61.10. Slaughter cows, ut. and comm. \$41-45; canner and cutter \$39-42.50. Slaughter bulls, YG 1 \$58-61.25; YG 2 \$51-55-55. Replacements, pairs \$425-650; bred cows \$485-610.

TORRINGTON LIVESTOCK COMMISSION CO.
Torrington, Wyo., March 18 & 20
2,857 head received: Feeder steers, choice 300-400 lbs. \$78-80; 400-500 lbs. \$74-78; 500-600 lbs. \$67-74; 600-700 lbs. \$64-77. Feeder heifers, choice 300-400 lbs. \$68-70; 400-500 lbs. \$65-68; 500-600 lbs. \$60-63; 600-700 lbs. \$58-61; 700-800 lbs. \$57-58. Md. frame 1-2 400-500 lbs. \$57.50-60.25; 500-600 lbs. \$54-58. Slaughter cows, ut. and comm. 2-4 \$40-45.10; high dressing \$45.90-48.75; cutter \$37.50-40.80. Slaughter bulls, YG 1-2 1150-1650 lbs. \$49.75-57.80.

EMPIRIA LIVESTOCK SALES CO., INC.
Emporia, Kan., March 20
2,890 head received: Feeder steers, choice 250-500 lbs. \$72-80; good \$70-74; common \$66-68. Good and choice 550-650 lbs. \$68-72; common \$63-66; 650-850 lbs. \$63-66; common

WESTERN LIVESTOCK JOURNAL
March 30, 1981
Large frame 1 450-500 lbs. \$73-76; 400-500 lbs. \$69-73. Md. frame 2 250-300 lbs. \$58-66; 300-350 lbs. \$40-44; 350-400 lbs. \$73-80; 400-450 lbs. \$70-73; 450-500 lbs. \$67-70. Feeder heifers, md. frame 1-2 200-300 lbs. \$64-68; 300-400 lbs. \$61-66; 400-500 lbs. \$59-62; 500-600 lbs. \$56-59; 600-700 lbs. \$52-56; canner and cutter \$50-52. Replacements, pairs \$610-650.

PORT CITY STOCKYARDS
Seely, Texas, March 19
1,048 head received: Feeder steers, md. frame 1 200-250 lbs. \$79-80; 250-300 lbs. \$79-80; 300-350 lbs. \$83-86; 350-400 lbs. \$79-83; 400-450 lbs. \$74-79; \$41.50-44.50.

TEXHOMA LIVESTOCK COMMISSION, INC.
Tahleah, Okla., March 20
7,184 head received: Feeder steers, choice to 300 lbs. to \$80.50-88; 300-400 lbs. \$75.30-82; 400-500 lbs. \$69.10-72.25; 500-600 lbs. \$66.50-70.40; 600-700 lbs. \$63.50-65.10. Feeder heifers, choice to 300 lbs. \$69.50-74; 300-400 lbs. \$67.50-73.75; 400-500 lbs. \$60.30-61.90; 500-600 lbs. \$60.20-61.90; 600-700 lbs. \$61-61.20. Slaughter cows, top \$47. Slaughter bulls, top \$57.50.

McKINLEY-WINTER LIVESTOCK COMMISSION CO.
Dodge City, Kan., March 19
6,200 head received: Feeder steers, md. frame 1 300-400 lbs. \$79.50-82; 400-500 lbs. \$79-81; 500-600 lbs. \$67.75-75; 600-700 lbs. \$64.25-67.75; 700-800 lbs. \$63.20-65.10; 800-900 lbs. \$62-64.20. Feeder heifers, md. frame 1 350-400 lbs. \$81.50-87.75; 400-500 lbs. \$60.50-63.50; 500-600 lbs. \$58.75-61; 600-700 lbs. \$58.25-61.90; 700-800 lbs. \$58.25-61.90; 800-900 lbs. \$58.20-60.50.

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Local Numbers: 562-242-2341; 562-242-2342

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Norman & Diane Geigle, Wall, S.D.
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Toll Free Out of State: 1-800-843-8921
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PACIFIC Farms and Ranches 13

RANCHES/FARMS
Large and small, CAROL JONES, agent, 916/334-7654, P.O. Box 41612, Sacramento, CA 95841.
WHEN CONSIDERING selling or exchanging your ranch in central or northern California, contact: Chester A. Mallory, Century 21, Cleveland Realty Co., Inc., 389 W. F. St., Oakland, CA 94612. Phone: 209/647-1731.

RAY COX, Realtor
"YOUR LAND MAN"
Specializing in the sale and exchange of western farms and ranches.
Box 528, Paakenta, CA 98074
PHONE: 916/833-5580
"daytime"

2,465 ACRES, north central Oregon wheat and cattle. Approximately 1,200 acres farm, balance good bunch grass, 2 wells, mobile home, equipment, 2 miles to town. Owner finance \$320 an acre 503/676-9833.

OPERATING DAIRY, 200 acres, prime farmland, 3 barns, large family home, 2 rental homes plus newer mobile. Cows and equipment available. \$725,000. Call: Dorothy Stallman, 206/748-0123 or 252-3566.

FINE REALTY
209/784-1000
828 West Grand
Portland, OR 97207
In Northern California
Manager: Bo Lacque
916/865-5105
Office at the ranch—County Roads 20 and KK, Orland, CA 95961.

Chicken Lips!
Well... just about anything can be found in WLJ's Classified Corral.

CALIFORNIA'S FINEST CATTLE RANCH
13,000 Acres with 3,000 acres lease land Monterey county. 3 beautiful homes, plus splendid improvements. Large oak trees, year around creek, springs and ponds. Good carrying capacity and rainfall. Abundance of deer and wildlife. \$375 per acre. Terms.

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Western Livestock Journal's CLASSIFIED CORRAL Handy Order Form.
Mail this coupon to: The Classified Corral, 4th Floor, Livestock Exchg. Building, Denver, CO 80216.

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ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE	THIRTEEN	FOURTEEN	FIFTEEN	SIXTEEN	SEVENTEEN	EIGHTEEN	NINETEEN	TWENTY	TWENTY-ONE	TWENTY-TWO	TWENTY-THREE	TWENTY-FOUR	TWENTY-FIVE	TWENTY-SIX	TWENTY-SEVEN	TWENTY-EIGHT	TWENTY-NINE	THIRTY	THIRTY-ONE	THIRTY-TWO	THIRTY-THREE	THIRTY-FOUR	THIRTY-FIVE	THIRTY-SIX	THIRTY-SEVEN	THIRTY-EIGHT	THIRTY-NINE	FORTY	FORTY-ONE	FORTY-TWO	FORTY-THREE	FORTY-FOUR	FORTY-FIVE	FORTY-SIX	FORTY-SEVEN	FORTY-EIGHT	FORTY-NINE	FIFTY	FIFTY-ONE	FIFTY-TWO	FIFTY-THREE	FIFTY-FOUR	FIFTY-FIVE	FIFTY-SIX	FIFTY-SEVEN	FIFTY-EIGHT	FIFTY-NINE	SIXTY	SIXTY-ONE	SIXTY-TWO	SIXTY-THREE	SIXTY-FOUR	SIXTY-FIVE	SIXTY-SIX	SIXTY-SEVEN	SIXTY-EIGHT	SIXTY-NINE	SEVENTY	SEVENTY-ONE	SEVENTY-TWO	SEVENTY-THREE	SEVENTY-FOUR	SEVENTY-FIVE	SEVENTY-SIX	SEVENTY-SEVEN	SEVENTY-EIGHT	SEVENTY-NINE	EIGHTY	EIGHTY-ONE	EIGHTY-TWO	EIGHTY-THREE	EIGHTY-FOUR	EIGHTY-FIVE	EIGHTY-SIX	EIGHTY-SEVEN	EIGHTY-EIGHT	EIGHTY-NINE	NINETY	NINETY-ONE	NINETY-TWO	NINETY-THREE	NINETY-FOUR	NINETY-FIVE	NINETY-SIX	NINETY-SEVEN	NINETY-EIGHT	NINETY-NINE	HUNDRED																																											
\$7.00	\$14.00	\$21.00	\$28.00	\$35.00	\$42.00	\$49.00	\$56.00	\$63.00	\$70.00	\$77.00	\$84.00	\$91.00	\$98.00	\$105.00	\$112.00	\$119.00	\$126.00	\$133.00	\$140.00	\$147.00	\$154.00	\$161.00	\$168.00	\$175.00	\$182.00	\$189.00	\$196.00	\$203.00	\$210.00	\$217.00	\$224.00	\$231.00	\$238.00	\$245.00	\$252.00	\$259.00	\$266.00	\$273.00	\$280.00	\$287.00	\$294.00	\$301.00	\$308.00	\$315.00	\$322.00	\$329.00	\$336.00	\$343.00	\$350.00	\$357.00	\$364.00	\$371.00	\$378.00	\$385.00	\$392.00	\$399.00	\$406.00	\$413.00	\$420.00	\$427.00	\$434.00	\$441.00	\$448.00	\$455.00	\$462.00	\$469.00	\$476.00	\$483.00	\$490.00	\$497.00	\$504.00	\$511.00	\$518.00	\$525.00	\$532.00	\$539.00	\$546.00	\$553.00	\$560.00	\$567.00	\$574.00	\$581.00	\$588.00	\$595.00	\$602.00	\$609.00	\$616.00	\$623.00	\$630.00	\$637.00	\$644.00	\$651.00	\$658.00	\$665.00	\$672.00	\$679.00	\$686.00	\$693.00	\$700.00	\$707.00	\$714.00	\$721.00	\$728.00	\$735.00	\$742.00	\$749.00	\$756.00	\$763.00	\$770.00	\$777.00	\$784.00	\$791.00	\$798.00	\$805.00	\$812.00	\$819.00	\$826.00	\$833.00	\$840.00	\$847.00	\$854.00	\$861.00	\$868.00	\$875.00	\$882.00	\$889.00	\$896.00	\$903.00	\$910.00	\$917.00	\$924.00	\$931.00	\$938.00	\$945.00	\$952.00	\$959.00	\$966.00	\$973.00	\$980.00	\$987.00	\$994.00	\$1001.00

PACIFIC Farms and Ranches 13

FARMLAND, Approximately 40 acres with good soil. Includes 3 bedrooms, 2 1/2 baths and full basement. \$151,000. River Valley Properties, 212 W. Idaho Ave., Ontario, OR 97914. 503/881-1311.

334 ACRES with good, 4 bedroom, 1 bath ranch house. Good view of Cascade Mountains. Large barn needs some repairs. Corral, BLM land joins ranch. Approximately 1,500 acres. Good terms. Price: \$200,000. George Fehnbacher, 360 N. Beaver, Prineville, OR 97754. Phone: 503/447-5314, after 6:00.

INTERMOUNTAIN Farms and Ranches 13

COW RANCH NEVADA
Runs 2,600 acres, covers 250,000 acres with 19,700 acres deeded and 4,000 acres meadow. Must have 4,800 deeded acres with forest and BLM spring, summer and winter permits. Mild winters, early calving, good grass and water produces good calf weights. 3 homes on creek. Boating, fishing, and hunting club. PRICE: \$1,200,000 including equipment. Seller will give substantial discount for all cash or sell for half down.

1,900 ACRES
1,330 Acres irrigated, Snake River water Potatoes, beans, grain and alfalfa. Valued at \$3,950,000. Cash or trade. Contact: National Property Exchange, 208/549-0142.

2,800 ACRES
2,200 irrigated. Beans, potatoes, beans, grain and hay. Nice, 6 bedroom home Snake River water. Low lift. Good combination farm. We have others. HOPPER REAL ESTATE, Mountain Home, Idaho. Stan Scott, 208/587-8471, days; 208/587-6034, evenings.

EXCELLENT CATTLE AND HAY RANCH
Box Elder County Utah; 5,150 deeded acres, approximately 1,910 acres irrigated, balance in crested wheat and native grass. 6 licensed wells producing approximately 14,745 gpm. Draw down minimal. Lift on wells ranging from 95 to 275 feet. Inexpensive power. Pumps, bowls and buried mainline in excellent condition. Irrigated with 54 wheel lines and 16 mile of hand lines. 2 excellent homes, mobile home, 3 large block and metal machinery and storage facilities. Shop, tack room, chicken house, 2, 16,000 bushel metal granaries. Horse barn, 9 stall maturity barn with warming room. 18,500 gallons of fuel storage. 14' x 70' scales and scale house. 10 fenced stack yards. Powder River dipping vat and hydraulic squeeze chute. 2 sets of corrals with capacity of approximately 450 head each, working alleys and loading dock. Fences, buildings and homes in excellent condition. Interstate 80 North intersects ranch. Improvements all painted white, professionally landscaped. Excellent operation for commercial or registered cattle operation. Very well improved and very appealing. All utilities with school bus to ranch. 160 miles north of Salt Lake City, Utah. Total price: \$2,100,000.

SOUTHERN IDAHO REALTY
P.O. Box 1048, Burley, ID 83318
Office: 208/678-1116; Boyd, 208/678-0910; David, 208/678-2840

INTERMOUNTAIN Farms and Ranches 13

FARMS WITH TWIN FALLS CANAL COUNTY WATER
55 ACRES WITH 6 BEDROOM HOME. Machine shed, shop, loading shed, and all concrete ditches. \$203,500.

EQUESTRIAN PACKAGE: remodeled 3 bedroom all brick home in country setting. 28 acres, like new 20 x 80 horse barn with large tack room. Acre, corals, outbuildings. Could easily convert to dairy setup. \$175,000.

BLUE LAKES REALTY
P.O. Box 1785
Twin Falls, ID 83301
PHONE: 208/734-2859

READ IT HERE! BUY IT THERE!
CATTLE RANCH that will carry 600 animals with feed to spare. 4,800 deeded acres with forest and BLM spring, summer and winter permits. Mild winters, early calving, good grass and water produces good calf weights. 3 homes on creek. Boating, fishing, and hunting club. PRICE: \$1,200,000 including equipment. Seller will give substantial discount for all cash or sell for half down.

Carl Smith
BAKE YOUNG REALTY
P.O. Box 980
Nampa, ID 83651
PHONE: 208/468-3524

INTERMOUNTAIN Farms and Ranches 13

170 ACRE ISLAND Snake River
2 new homes. Concrete bridge, beef cattle. Quarter horses negotiable. \$530,000. Terms or cash. Private owner. 208/684-4095.

LAND GIANT

11,500 Acres located 20 miles east of Boise, Idaho on Interstate 84. Excellent cattle and sheep operation. 1,480 ALM in BLM range. 300 head of cattle right. Long grazing season. 300 acres dryland hay, all land in contiguous. Price: \$175 per acre.

PHONE: 208/423-5555
or 208/324-2552
or 208/734-5957

1,020 ACRE ROW CROP FARM

Located 20 miles northwest of Boise, 850 acres irrigated. This property offers many possibilities. Excellent homes or home for large cattle ranch. \$2,500,000.

HEDRICK & BODINE REALTY
Phone: 208/376-0021
Evenings, call Logan Schlirmer, 208/286-7010

SOUTHERN UTAH CATTLE OPERATION

Scenic Wayne County, Utah 475 deeded acres, cultivated and irrigated with gravity flow wheel well sprinkler. Crops: alfalfa, barley and oats. Modern machinery to operate entire farm ground. Ranch runs 500 pair on 2,800 acres school lease sections. BLM and Forest Service are leased and finished to 900 lbs. in 23 acre feedlot with 700 head capacity.

CORRY REALTY-CENTURY 21
201 N. Main, Richfield, UT 84701
PHONE: 801/898-8444

"To market, to market, to buy a pig... Home again, home again, in my new pig."

SELECTED RANCHES

(1) SHOWPLACE CATTLE RANCH, Only 37 miles NEVADA. 1,200 COW UNITS YEAR ROUND, plus farm PRODUCTION... ALFALFA, POTATOES, ETC. 8,000 DEEDED ACRES, paved highway. Approximately 2,800 acres VALLEY FARMLAND and 4,000 acres BEAUTIFUL mountain MEADOWS adjacent to PINE FOREST. Lots of water, savings, clean and well EXTENSIVE, MODERN IMPROVEMENTS. Price includes MACHINERY AND EQUIPMENT (over \$1,000,000 in DEPRECIABLE ASSETS). Turnin SUB DIVISION POTENTIAL \$3,750,000. Terms.

(2) NEVADA "Turn-Key" CATTLE RANCH plus FAIRING 15,750 or more deeded acres. This offering includes EVERYTHING. 1,100 cows, 800 calves, 50 bulls, machinery and equipment (mostly new). \$300,000. Well plus hay and supplies. Approximately 5,000 acres irrigated MEADOWS and HAY LAND, 8,000 acres grazing, 1,200 acres FARMLAND ALL ALFALFA, GRAIN, POTATOES, ETC. FROE WATER from 3 streams plus 4 shallow lift wells, approximately 12,000 GPM, COMPLETE IMPROVEMENTS, 3 homes. Feedlot for 1,000 head 25 miles from town, paved highway. PRICE INCLUDES cattle, equipment, hay, etc. \$3,500,000. Only \$1,500,000 cash required (including cattle and personal property with value appraisal of \$1,000,000). Balance long term low interest.

C.W. 'CHUCK' MOORE REALTY COMPANY
Nevada and California Ranch Broker
P.O. Box 20554, Reno, NV 89515
PHONE: 702/828-2240 or 213/381-5259

IDAHO FARMS

ROW CROP: 100 acres in 2 fields. Concrete ditch, gated pipe and project water. Raisin potatoes, sugar beets, alfalfa, etc. Owner financing. Small down. \$295,000.
DAIRY: 83 acres with double 4 herringbone barn. Boumatic equipment, free stalls, lagoon, 2 A.O. Smith harvestors, concrete bunker silo. Very nice 5 bedroom, 2 bath, home with fireplace. Farm in 4 fields. Irrigated from gated pipe. Corraler exchange. \$395,000.
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ALFALFA RANCH ... FEEDLOT SETUP

One-of-a-kind 900 acre Nevada Valley ranch with choice 5,000 head feedlot, 510 acres in irrigated alfalfa, 300 in crested wheat. Free water from seasonal creeks in mountain area above ranch. 5 irrigation wells (850 to 1,750 GPM), 3 domestic wells. 20 acre ft. reservoir, gravel airstrip! Lovely 3 bedroom, 2 bath home plus 20 x 44 mobile home (with 15 x 20 addition), second mobile home. Garages, 41,000 lb. cattle truck scales, shop, other buildings. Equipment included for \$395,000. 20 percent down, long term owner financing at 9 percent annual percentage rate. FREE... 200 page SPRING catalog describes over 2,800 top values at 48 states.

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PLAINS Farms and Ranches 13

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1,746 Acres improved deeded land with modern large barn, home, barns, corals, garage, horse house. Acreage includes 300 plus acres choice irrigable bottom land, located on 270 Highway. Additional, 1,500 acres lease improved pasture available. Ranch is stocked, no chimney and equipment are available. Excellent home or potential cattle location. \$2,500,000, assumable loan at 8 to 8 1/2%. Total operation may be assumed with low cash down.

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JOE HALL, BROKER
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Sicilian location 40 minutes from Tucson and along facilities. 1,200 head adult cattle on 1,200 acres. 3,000 to 7,000 lb. headweight. 4,300 lb. elevation. Excellent housing, barns and amenities. Only \$1,300 per animal unit. 30% down with good terms on balance. For sale by owner.

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200 ACRE GOOD PRODUCTIVE RANCH

In beautiful Blinn Valley near Stevensville, Montana. Flood irrigated, free water, scenic view. 2 modern homes, good barn, other outbuildings, priced to sell at \$325,000. Terms available.

CHRIST REAL ESTATE CO.
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PHONE: 406/363-2221

CATTLE RANCHES

420 Head southeast Arizona, 11 section ranch, \$1,200,000.
850 Head central New Mexico, 84 section ranch \$2,998,000.

FARMLAND
360 Acres southeast Arizona, 1000 ft. 3 wells, \$750,000.
480 Acres southeast Arizona, 1000 ft. 3 wells, \$800,000.
In new apple area. \$500 acre.

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WILLCOX REALTY CO.
220 B. Curtis
Willcox, AZ 85643
PHONE: 602/384-4557

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Enjoy ranching in excellent valley. 4000 acres at 4,500 ft. elevation. Uniquely watered by spring. 3 1/2 miles of riparian stream, historic home, barn, and 3 sets of working corrals.

Owner states 250 head mature cow carrying capacity on over 11,000 acres.
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Contact: Gary Greenough, Broker
(602) 458-4354 Office
(602) 386-5739 Evening

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SOUTHWEST Farms and Ranches 13

NORTHEAST TEXAS AREA
1,200 Plus acre estate. Could be cleaned up for cattle and wheat. \$650 per acre. Terms.
2,700 Plus acres over 90% in wheat. Frame home, machine shed and grain storage facilities. \$950 per acre. Term negotiable.
707 Acre ranch well improved. Large brick home, metal corrals, work shop, tractor shed and small, 2 bedroom home. Top soil for cattle production. \$925,000. Financing can be arranged.
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400 ACRES PRIME valley farmland

Abundant irrigation water. Includes modest 3 bedroom home with complete set of farm machinery. SMITH REAL ESTATE, P.O. Box 1290, Silver City, NM 86061. Phone: 505/538-5373.

ARIZONA 500 COW RANCH

Northern Arizona, rolling grasslands. Approximately 44,000 acres state and private leases. 656 acres deeded. Attractive headquarters with excellent improvements. 8 miles to town. Telephone and electricity. \$1,100,000 includes livestock and equipment. Terms.

608 ACRE FARM/RANCH

Near Snowflake with 157 acres alfalfa. Sprinkler irrigated. Attractive western type headquarters with large shade trees and fruit orchard. Shallow water at 25'. Beautiful setting overlooking Little Colorado River. Ideal lifestyle. \$400,000 including equipment. Excellent terms.

122 COW RANCH

Near Globe. 12 sections forest allotment with 82 choice deeded acres near town. Very attractive home, large barn and ranch facilities, all conveniences. Seller will carry. Excellent terms. \$450,000.

Contact: Dave Hastings
HASTINGS & COMPANY
Ranch Brokerage
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PHONE: 602/692-3211; Evenings, 692-4145

SAN LUIS VALLEY OF COLORADO JAROSO FARMS

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1,144 Acres deeded, 120 acres state lease, 710 acres water right. (All the water you can use all season long) 610 acres cultivated, 175 acres circular sprinkler, shallow supplemental irrigation wells, raise any cash crops, feed or cattle, excellent wintering ranch, year around live creek, excellent buildings, feedlots, 3 miles to county seat town, school bus to door, excellent hunting and fishing, must be seen to be appreciated. For sale by owner. Immediate possession.

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